



Draft Risk Evaluation for
Asbestos Part 2 –
Supplemental Evaluation Including Legacy Uses and
Associated Disposals of Asbestos

Systematic Review Supplemental File:

Data Extraction Information for
General Population, Consumer, and Environmental Exposure

CASRN: 1332-21-4

This supplemental file contains information regarding the data extraction results for data sources that met the PECO screening criteria for the *Draft Risk Evaluation for Asbestos Part 2: Supplemental Evaluation Including Legacy Uses and Associated Disposals of Asbestos*. EPA performs data extraction as part of the TSCA systematic review process described in the *Draft Systematic Review Protocol Supporting TSCA Risk Evaluations for Chemical Substances*. The systematic review steps are further described in the *Draft Risk Evaluation for Asbestos Part 2: Supplemental Evaluation Including Legacy Uses and Associated Disposals of Asbestos – Systematic Review Protocol*, referred hereafter as the “Asbestos Systematic Review Protocol.”

EPA conducted data quality evaluation and extraction based on author-reported descriptions and results; additional analyses (e.g., statistical analyses) potentially conducted by EPA are not contained in this supplemental file. The data extraction results herein are organized by evidence streams and media types. A reference may contain data for multiple evidence streams and/or media types and will be cited in different tables if appropriate. In the data extraction results, “POINT VALUE(S)” denotes when the author(s) did not report a minimum, maximum, mean, or any other summary statistics, but rather single reported level(s) (e.g., chemical concentration). For further details about extraction criteria, review Asbestos Systematic Review Protocol.

Acronyms and abbreviations used within this supplemental file are defined in the table at the end of this file. The two letter country codes defined herein are consistent with those used in the [searchable](#) International Standardization Organization (ISO) 3166 standard for country codes. Finally, “NR” preceding a country code indicates that the author(s) did not report the city, state and region. This supplemental file may also be referred to as the Asbestos Part 2 Data Extraction Information for General Population, Consumer, and Environmental Exposure.

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Table 1: Data Extraction Tables of Exposure Monitoring Studies for Ambient Air

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in residential Area (n = 8; DF = <1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	<LOD	0.111 f/cc	0.0198 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in inland industrial Area (n = 8; DF = <1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	<LOD	0.091 f/cc	0.014 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in agricultural area (n = 4; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.007 f/cc	0.047 f/cc	0.0218 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in area of small factories processing asbestos (n = 3; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.01 f/cc	0.057 f/cc	0.0253 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air on freeways (n = 15; DF = <1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	<LOD	0.01 f/cc	0.005 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air on main roads (n = 25; DF = <1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	<LOD	0.367 f/cc	0.0296 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in disposal site for waste materials (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.012 f/cc	0.014 f/cc	NR	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in Dockyard (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.032 f/cc	0.054 f/cc	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air around automobile repair shops (n = 3; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.007 f/cc	0.104 f/cc	0.0316 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air on isolated island and in the Pacific Ocean (n = 19; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.004 f/cc	0.048 f/cc	0.0097 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air around serpentine quarry (n = 18; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.1 f/cc	40 f/cc	NR	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in a town adjacent to a chrysotile mine (n = 6; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.342 f/cc	0.801 f/cc	0.487 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Amosite (asbestiform of mineral grunerite); Size: >5 µm JP Scenario: Outdoor ambient air around factories making asbestos slate-board (n = 5; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.011 f/cc	0.849 f/cc	0.178 f/cc (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in residential Area (mass concentration) (n = 8; DF = <1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	<LOD	9.89 ng/m ³	0.23 ng/m ³ (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in inland industrial Area (mass concentration) (n = 8; DF = <1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	<LOD	10 ng/m ³	0.18 ng/m ³ (GM)	NR	NR; NR;

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Table 1 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in agricultural area (mass concentration) (n = 4; DF = 1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	0.08 ng/m ³	0.29 ng/m ³	0.17 ng/m ³ (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in area of small factories processing asbestos (mass concentration) (n = 3; DF = 1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	0.07 ng/m ³	3.45 ng/m ³	0.41 ng/m ³ (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air on freeways (mass concentration) (n = 15; DF = <1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	<LOD	0.48 ng/m ³	0.03 ng/m ³ (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air on main roads (mass concentration) (n = 25; DF = <1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	<LOD	47.2 ng/m ³	0.33 ng/m ³ (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in disposal site for waste materials (mass concentration) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	0.14 ng/m ³	0.2 ng/m ³	NR	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in Dockyard (mass concentration) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	0.62 ng/m ³	0.65 ng/m ³	NR	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air around automobile repair shops (mass concentration) (n = 3; DF = 1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	0.07 ng/m ³	1.14 ng/m ³	0.47 ng/m ³ (GM)	NR	NR; NR;

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Table 1 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air on isolated island and in the Pacific Ocean (mass concentration) (n = 19; DF = <1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	<LOD	0.5 ng/m ³	0.05 ng/m ³ (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air around serpentine quarry (mass concentration) (n = 18; DF = 1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	10 ng/m ³	5000 ng/m ³	NR	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Outdoor ambient air in a town adjacent to a chrysotile mine (mass concentration) (n = 6; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	32.6 ng/m ³	3418 ng/m ³	245 ng/m ³ (GM)	NR	NR; NR;
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Amosite (asbestiform of mineral grunerite); Size: >5 µm JP Scenario: Outdoor ambient air around factories making asbestos slate-board (mass concentration) (n = 5; DF = 1; Sampling Period: 1989)	LOD: 0.02 ng/m ³ LOQ: Not Reported	0.61 ng/m ³	618 ng/m ³	51.5 ng/m ³ (GM)	NR	NR; NR;
Nicholson et al. 1980 HERO ID: 159 OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Ambient air from metropolitan areas throughout the United States (concentrations <1 ng/m ³) (n = 61; DF = 0.326; Sampling Period: 1969 - 1970)	LOD: Not Reported LOQ: Not Reported	NR	<1 ng/m ³	NR	NR	NR; NR;
Nicholson et al. 1980 HERO ID: 159 OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Ambient air from metropolitan areas throughout the United States (concentrations <2 ng/m ³) (n = 119; DF = 0.636; Sampling Period: 1969 - 1970)	LOD: Not Reported LOQ: Not Reported	NR	<2 ng/m ³	NR	NR	NR; NR;
Nicholson et al. 1980 HERO ID: 159 OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Ambient air from metropolitan areas throughout the United States (concentrations <5 ng/m ³) (n = 164; DF = 0.877; Sampling Period: 1969 - 1970)	LOD: Not Reported LOQ: Not Reported	NR	<5 ng/m ³	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Nicholson et al. 1980 HERO ID: 159 OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Ambient air from metropolitan areas throughout the United States (concentrations <10 ng/m ³) (n = 176; DF = 0.942; Sampling Period: 1969 - 1970)	LOD: Not Reported LOQ: Not Reported	NR	<10 ng/m ³	NR	NR	NR; NR;
Nicholson et al. 1980 HERO ID: 159 OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Ambient air from metropolitan areas throughout the United States (concentrations <20 ng/m ³) (n = 184; DF = 0.985; Sampling Period: 1969 - 1970)	LOD: Not Reported LOQ: Not Reported	NR	<20 ng/m ³	NR	NR	NR; NR;
Nicholson et al. 1980 HERO ID: 159 OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Ambient air from metropolitan areas throughout the United States (concentrations <50 ng/m ³) (n = 185; DF = 0.99; Sampling Period: 1969 - 1970)	LOD: Not Reported LOQ: Not Reported	NR	<50 ng/m ³	NR	NR	NR; NR;
Nicholson et al. 1980 HERO ID: 159 OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Ambient air from metropolitan areas throughout the United States (concentrations <100 ng/m ³) (n = 187; DF = 1; Sampling Period: 1969 - 1970)	LOD: Not Reported LOQ: Not Reported	NR	<100 ng/m ³	NR	NR	NR; NR;
Sawyer et al. 1977 HERO ID: 180 OQD: Low	Fiber Type: General; Size: >5µm New Haven, CT, US Scenario: Ambient air of New Haven (control) (n = 12; DF = 0; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sebastien et al. 1982 HERO ID: 185 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Paris, FR Scenario: Ambient air from the roof where fresh air entered the air-conditioning system of an office building (n = 5; DF = NR; Sampling Period: Dec., 1980)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.1 ng/m ³ (AM)	NR	NR; NR;
Nicholson et al. 1978 HERO ID: 252 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Ambient air from the outside parking area at a school (District 20, School 1) (n = 1; DF = 1; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3 ng/m ³]				
Stefani et al. 2005 HERO ID: 524413 OQD: Low	Fiber Type: General; Size: NR Calgary, Alberta, CA Scenario: Ambient air during implosion - PCM (n = 7; DF = 0.86; Sampling Period: Oct., 1998)	LOD: 0.006 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [<0.006 f/cm ³ ; 0.023 f/cm ³ ; 0.128 f/cm ³ ; 0.065 f/cm ³ ; 0.362 f/cm ³ ; 1.88 f/cm ³ ; 0.013 f/cm ³]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Stefani et al. 2005 HERO ID: 524413 OQD: Low	Fiber Type: General; Size: NR Calgary, Alberta, CA Scenario: Ambient air post implosion - PCM (n = 6; DF = 0.67; Sampling Period: Oct., 1998)	LOD: 0.001 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [<0.001 f/cm ³ ; 0.001 f/cm ³ ; <0.001 f/cm ³ ; 0.008 f/cm ³ ; 0.004 f/cm ³ ; 0.005 f/cm ³]					
Stefani et al. 2005 HERO ID: 524413 OQD: Low	Fiber Type: General; Size: NR Calgary, Alberta, CA Scenario: Ambient air during implosion - TEM (n = 3; DF = 1; Sampling Period: Oct., 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.02 f/cm ³ ; 0.09 f/cm ³ ; 0.08 f/cm ³]					
Stefani et al. 2005 HERO ID: 524413 OQD: Low	Fiber Type: General; Size: NR Calgary, Alberta, CA Scenario: Ambient air pre-implosion - PCM (n = 9; DF = 0.22; Sampling Period: Sept., 1998 - Oct., 1998)	LOD: 0.001 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [<0.001 f/cm ³ ; <0.001 f/cm ³ ; 0.001 f/cm ³ ; <0.001 f/cm ³ ; <0.001 f/cm ³ ; 0.003 f/cm ³ ; <0.001 f/cm ³ ; <0.001 f/cm ³ ; <0.001 f/cm ³]					
Stefani et al. 2005 HERO ID: 524413 OQD: Low	Fiber Type: General; Size: NR Calgary, Alberta, CA Scenario: Ambient air pre-implosion - TEM (n = 4; DF = 0; Sampling Period: Sept., 1998)	LOD: 0.001 f/cm ³ LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Stefani et al. 2005 HERO ID: 524413 OQD: Low	Fiber Type: General; Size: NR Calgary, Alberta, CA Scenario: Ambient air post implosion - TEM (n = 1; DF = 0; Sampling Period: Oct., 1998)	LOD: 0.0003 f/cm ³ LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Wilson et al. 2008 HERO ID: 733539 * OQD: High	Fiber Type: Tremolite,Actinolite; Size: >=5µm Silver Bay, MN, US Scenario: Ambient air near a taconite ore processing facility (>=5µm fibers) (n = 12; DF = 0.5; Sampling Period: Oct., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1 fibers counted; 1 fibers counted; ND; ND; 1 fibers counted; ND; ND; ND; ND; ND; ND; ND; 1 fibers counted]					
Wilson et al. 2008 HERO ID: 733539 * OQD: High	Fiber Type: Tremolite,Actinolite; Size: <5µm Silver Bay, MN, US Scenario: Ambient air near a taconite ore processing facility (<5µm fibers) (n = 12; DF = 0.67; Sampling Period: Oct., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2 fibers counted; 3 fibers counted; 1 fibers counted; ND; 2 fibers counted; 1 fibers counted; 1 fibers counted; ND; ND; ND; ND; ND]					
Lim et al. 2004 HERO ID: 733573 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite),Tremolite,Actinolite; Size: 0.2 µm Seoul; Incheon; Seongnam-si; Gimpo-si; Suwon-si; Yeosu-gun; Donghae-si; Gangneung-si; Gwacheon-si, KR Scenario: Ambient air from 48 urban and rural sites (n = 96; DF = NR; Sampling Period: May, 2001)	LOD: 0.00029 f/cc LOQ: Not Reported	NR	NR	0.00043 f/cc (GM)	NR	NR; 0.00202 f/cc (GSD);	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Lim et al. 2004 HERO ID: 733573 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.2 µm Seoul; Incheon; Seongnam-si; Gimpo-si; Suwon-si; Yeosu-gun; Donghae-si; Gangneung-si; Gwacheon-si, KR Scenario: Ambient air from 48 urban and rural sites (n = 96; DF = NR; Sampling Period: May, 2001)	LOD: 0.00029 f/cc LOQ: Not Reported	NR	NR	0.00034 f/cc (GM)	NR	NR; 0.00188 f/cc (GSD);
Lim et al. 2004 HERO ID: 733573 * <i>OQD:</i> Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: 0.2 µm Seoul; Incheon; Seongnam-si; Gimpo-si; Suwon-si; Yeosu-gun; Donghae-si; Gangneung-si; Gwacheon-si, KR Scenario: Ambient air from 48 urban and rural sites (n = 96; DF = NR; Sampling Period: May, 2001)	LOD: 0.00029 f/cc LOQ: Not Reported	NR	NR	0.00028 f/cc (GM)	NR	NR; 0.00164 f/cc (GSD);
Lim et al. 2004 HERO ID: 733573 * <i>OQD:</i> Medium	Fiber Type: Actinolite; Size: 0.2 µm Seoul; Incheon; Seongnam-si; Gimpo-si; Suwon-si; Yeosu-gun; Donghae-si; Gangneung-si; Gwacheon-si, KR Scenario: Ambient air from 48 urban and rural sites (n = 96; DF = NR; Sampling Period: May, 2001)	LOD: 0.00029 f/cc LOQ: Not Reported	NR	NR	0.00031 f/cc (GM)	NR	NR; 0.0017 f/cc (GSD);
Lim et al. 2004 HERO ID: 733573 * <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.2 µm Seoul; Incheon; Seongnam-si; Gimpo-si; Suwon-si; Yeosu-gun; Donghae-si; Gangneung-si; Gwacheon-si, KR Scenario: Ambient air from 48 urban and rural sites (n = 96; DF = NR; Sampling Period: May, 2001)	LOD: 0.00029 f/cc LOQ: Not Reported	NR	NR	0.00027 f/cc (GM)	NR	NR; 0.0016 f/cc (GSD);
Lim et al. 2004 HERO ID: 733573 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: NR Seoul; Incheon; Seongnam-si; Gimpo-si; Suwon-si; Yeosu-gun; Donghae-si; Gangneung-si; Gwacheon-si, KR Scenario: Ambient air from 48 urban and rural sites (n = 96; DF = 0; Sampling Period: May, 2001)	LOD: 0.00029 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Lim et al. 2004 HERO ID: 733573 * <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Seoul; Incheon; Seongnam-si; Gimpo-si; Suwon-si; Yeosu-gun; Donghae-si; Gangneung-si; Gwacheon-si, KR Scenario: Ambient air from 48 urban and rural sites (n = 96; DF = 0; Sampling Period: May, 2001)	LOD: 0.00029 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A2 with background pollution analyzed by XRD (n = 2; DF = 0; Sampling Period: Jul., 1978)	LOD: 500 LOQ: 500 ng/m ³	NR	NR	<LOQ	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Remote rural area in Northern England, GB Scenario: Ambient air at Site B with background pollution analyzed by XRD (n = 14; DF = 0; Sampling Period: Sept., 1978)	LOD: Not Reported LOQ: 500 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: General; Size: NR Remote rural area in Northern England, GB Scenario: Ambient air at Site B with background pollution analyzed by XRD (n = 14; DF = 0; Sampling Period: Sept., 1978)	LOD: Not Reported LOQ: 100 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site C with background pollution analyzed by XRD (n = 2; DF = 0; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: 500 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: General; Size: NR GB Scenario: Ambient air at Site C with background pollution analyzed by XRD (n = 2; DF = 0; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: 100 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: General; Size: NR GB Scenario: Ambient air at Site E with background pollution analyzed by XRD (n = 2; DF = 0; Sampling Period: Mar., 1979 - Jun., 1979)	LOD: Not Reported LOQ: 100 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A1 at asbestos textile factory analyzed by XRD (n = 14; DF = 1; Sampling Period: Aug., 1977 - Sept., 1977)	LOD: Not Reported LOQ: 500 ng/m ³	500 ng/m ³	3200 ng/m ³	1200 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A2 at asbestos textile factory analyzed by XRD (n = 31; DF = 1; Sampling Period: Jul., 1978)	LOD: Not Reported LOQ: 500 ng/m ³	500 ng/m ³	2900 ng/m ³	1000 ng/m ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A3 at asbestos textile factory analyzed by XRD (n = 5; DF = 1; Sampling Period: Mar., 1979)	LOD: Not Reported LOQ: 500 ng/m ³	500 ng/m ³	2000 ng/m ³	1600 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A3 at asbestos textile factory including filter cleaning analyzed by XRD (n = 5; DF = 1; Sampling Period: Mar., 1979)	LOD: Not Reported LOQ: 500 ng/m ³	1000 ng/m ³	5600 ng/m ³	3400 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: NR GB Scenario: Ambient air at Site C at amosite board manufacturing factory analyzed by XRD (n = 13; DF = 1; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: 100 ng/m ³	500 ng/m ³	2100 ng/m ³	1000 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site C at amosite board manufacturing factory analyzed by XRD (n = 13; DF = 0; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: 500 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: NR GB Scenario: Ambient air at Site D at asbestos waste tip analyzed by XRD (n = 9; DF = 1; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: 100 ng/m ³	300 ng/m ³	4800 ng/m ³	1500 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site D at asbestos waste tip analyzed by XRD (n = 9; DF = 0; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: 500 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: General; Size: NR GB Scenario: Ambient air at Site E asbestos demolition site during initial work (20-100m) analyzed with XRD (n = 6; DF = 0; Sampling Period: Mar., 1979 - Jun., 1979)	LOD: Not Reported LOQ: 100 ng/m ³	NR	NR	<LOQ	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: General; Size: NR GB Scenario: Ambient air at Site E asbestos demolition site during stripping (50-400m) analyzed with XRD (n = 21; DF = 0; Sampling Period: Mar., 1979 - Jun., 1979)	LOD: Not Reported LOQ: 100 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: General; Size: NR GB Scenario: Ambient air at Site E asbestos demolition site adjacent to work analyzed with XRD (n = 2; DF = 1; Sampling Period: Mar., 1979 - Jun., 1979)	LOD: Not Reported LOQ: 100 ng/m ³	200 ng/m ³	400 ng/m ³	300 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: General; Size: NR GB Scenario: Ambient air at Site J asbestos waste tip analyzed with XRD (n = 8; DF = 0; Sampling Period: Jun., 1981)	LOD: Not Reported LOQ: 100 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site J asbestos waste tip analyzed with XRD (n = 8; DF = 1; Sampling Period: Jun., 1981)	LOD: Not Reported LOQ: 500 ng/m ³	600 ng/m ³	1400 ng/m ³	900 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A3 with background pollution analyzed by TEM (n = 2; DF = 1; Sampling Period: Mar., 1979)	LOD: Not Reported LOQ: 1 ng/m ³	3 ng/m ³	5 ng/m ³	4 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A3 with background pollution analyzed by SEM (n = 2; DF = 0; Sampling Period: Mar., 1979)	LOD: Not Reported LOQ: 10 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site I with background pollution analyzed by TEM (n = 5; DF = 0; Sampling Period: May, 1981)	LOD: Not Reported LOQ: 1 ng/m ³	NR	NR	<LOQ	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Burdett et al. 1984 HERO ID: 733637 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site J with background pollution analyzed by TEM (n = 1; DF = 0; Sampling Period: Jun., 1981)	LOD: Not Reported LOQ: 1 ng/m ³	POINT VALUE(S): [<1 ng/m ³]					
Burdett et al. 1984 HERO ID: 733637 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR North London, GB Scenario: Ambient air at Site F with background urban pollution analyzed by TEM (n = 4; DF = 0; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: 1 ng/m ³	NR	NR	<LOQ	NR	NR; NR;	
Burdett et al. 1984 HERO ID: 733637 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR South London, GB Scenario: Ambient air at Site G with background urban pollution analyzed by TEM (n = 4; DF = 0; Sampling Period: Jun., 1980 - Oct., 1980)	LOD: Not Reported LOQ: 1 ng/m ³	NR	NR	<LOQ	NR	NR; NR;	
Burdett et al. 1984 HERO ID: 733637 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site H with background urban pollution analyzed by TEM (n = 9; DF = 1; Sampling Period: Dec., 1980)	LOD: Not Reported LOQ: 1 ng/m ³	1 ng/m ³	8 ng/m ³	2 ng/m ³ (AM)	NR	NR; NR;	
Burdett et al. 1984 HERO ID: 733637 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A3 at an asbestos textile factory analyzed by TEM (n = 5; DF = 1; Sampling Period: Mar., 1979)	LOD: Not Reported LOQ: 1 ng/m ³	10 ng/m ³	80 ng/m ³	35 ng/m ³ (AM)	NR	NR; NR;	
Burdett et al. 1984 HERO ID: 733637 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A3 at an asbestos textile factory analyzed by SEM (n = 5; DF = 1; Sampling Period: Mar., 1979)	LOD: Not Reported LOQ: 10 ng/m ³	10 ng/m ³	60 ng/m ³	30 ng/m ³ (AM)	NR	NR; NR;	
Burdett et al. 1984 HERO ID: 733637 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A3 at an asbestos textile factory including filter cleaning analyzed by TEM (n = 5; DF = 1; Sampling Period: Mar., 1979)	LOD: Not Reported LOQ: 1 ng/m ³	40 ng/m ³	350 ng/m ³	170 ng/m ³ (AM)	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site A3 at an asbestos textile factory including filter cleaning analyzed by SEM (n = 5; DF = 1; Sampling Period: Mar., 1979)	LOD: Not Reported LOQ: 10 ng/m ³	60 ng/m ³	780 ng/m ³	380 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: NR GB Scenario: Ambient air at Site C downwind of amosite board manufacturing analyzed by TEM (n = 3; DF = 1; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: 1 ng/m ³	500 ng/m ³	2000 ng/m ³	1300 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: NR GB Scenario: Ambient air at Site D downwind of waste tip analyzed by TEM (n = 3; DF = 1; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: 1 ng/m ³	900 ng/m ³	4700 ng/m ³	2200 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1984 HERO ID: 733637 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR GB Scenario: Ambient air at Site J downwind of waste tip analyzed by TEM (n = 8; DF = 1; Sampling Period: Jun., 1981)	LOD: Not Reported LOQ: 1 ng/m ³	12 ng/m ³	800 ng/m ³	200 ng/m ³ (AM)	NR	NR; NR;
Rey et al. 1993 HERO ID: 758976 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.9-1.2 microns Murato, Italy, IT Scenario: Ambient air from high, medium and low altitude of Murato village (n = 3; DF = 1; Sampling Period: Spring, 1992)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.000000001 g/m ³ ; 4E-10 g/m ³ ; 3E-10 g/m ³]				
Rey et al. 1993 HERO ID: 758976 * OQD: Medium	Fiber Type: Tremolite; Size: 0.9-1.2 microns Murato, Italy, IT Scenario: Ambient air from high, medium and low altitude of Murato village (n = 3; DF = 1; Sampling Period: Spring, 1992)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.000000044 g/m ³ ; 0.000000034 g/m ³ ; 0.000000006 g/m ³]				
Rey et al. 1993 HERO ID: 758976 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.9-1.2 microns Vezzani, Italy, IT Scenario: Ambient air from high, medium and low altitude of Vezzani village (n = 3; DF = 0.666; Sampling Period: Spring, 1992)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0 g/m ³ ; 2E-10 g/m ³ ; 1E-10 g/m ³]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Rey et al. 1993 HERO ID: 758976 * <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.9-1.2 microns Vezzani, Italy, IT Scenario: Ambient air from high, medium and low altitude of Vezzani village (n = 3; DF = 0.333; Sampling Period: Spring, 1992)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0 g/m ³ ; 0 g/m ³ ; 4E-10 g/m ³]					
U.S. EPA et al. 2000 HERO ID: 783704 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (PCM) while mixing garden products - Schultz Horticultural Vermiculite (n = 8; DF = 0; Sampling Period: Aug., 2000)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (PCM) while mixing garden products - Hoffman's Vermiculite (n = 8; DF = 0; Sampling Period: Aug., 2000)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (PCM) while mixing garden products - Zonolite Chemical Packaging (n = 8; DF = 1; Sampling Period: Aug., 2000)	LOD: Not Reported LOQ: Not Reported	0.011 f/cc	0.012 f/cc	NR	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (PCM) while mixing garden products - Country Cottage Horticultural Vermiculite (n = 8; DF = 1; Sampling Period: Aug., 2000)	LOD: Not Reported LOQ: Not Reported	0.008 f/cc	0.012 f/cc	NR	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (PCM) while mixing garden products - Scott's Vermiculite (n = 8; DF = 0; Sampling Period: Aug., 2000)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (PCM) while mixing garden products - Jungle Growth Vermiculite (n = 8; DF = 1; Sampling Period: Aug., 2000)	LOD: Not Reported LOQ: Not Reported	0.014 f/cc	0.015 f/cc	NR	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (PCM) while mixing garden products - Kellogg's Vermiculite (n = 8; DF = 0; Sampling Period: Aug., 2000)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	

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U.S. EPA et al. 2000 HERO ID: 783704 * OQD: Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (TEM) while mixing garden products (n = 64; DF = 0; Sampling Period: Aug., 2000)	LOD: 0.0141- 0.0176 s/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 2000 HERO ID: 783704 * OQD: Medium	Fiber Type: General; Size: >5µm Springfield, VA, US Scenario: Outside air (PCM) while mixing garden products - Zonolite for Horticultural Use (n = 8; DF = 1; Sampling Period: Aug., 2000)	LOD: Not Reported LOQ: Not Reported	0.011 f/cc	0.013 f/cc	NR	NR	NR; NR;
Perkins et al. 2007 HERO ID: 1079550 * OQD: Medium	Fiber Type: General; Size: NR Fairbanks, AK, US Scenario: Area Air - Upwind during demo (n = 3; DF = 0.7; Sampling Period: May, 1999)	LOD: 0.003 f/cc LOQ: Not Reported	<LOD	0.003 f/cc	0.012 f/cc (GM)	NR	NR; NR;
Perkins et al. 2007 HERO ID: 1079550 * OQD: Medium	Fiber Type: General; Size: NR Fairbanks, AK, US Scenario: Area Air - Downwind of demo (n = 6; DF = 1; Sampling Period: May, 1999)	LOD: 0.002 f/cc LOQ: Not Reported	0.003 f/cc	0.04 f/cc	0.012 f/cc (GM)	NR	0.014 f/cc (ASD); NR;
Perkins et al. 2007 HERO ID: 1079550 * OQD: Medium	Fiber Type: General; Size: NR Fairbanks, AK, US Scenario: Area Air - Adjacent buildings (n = 3; DF = 1; Sampling Period: May, 1999)	LOD: 0.003- 0.008 f/cc LOQ: Not Reported	0.012 f/cc	0.0318 f/cc	0.023 f/cc (GM)	NR	0.01 f/cc (ASD); NR;
Perkins et al. 2007 HERO ID: 1079550 * OQD: Medium	Fiber Type: General; Size: NR Fairbanks, AK, US Scenario: Area air - on site (n = 4; DF = 0.5; Sampling Period: Aug., 1994)	LOD: 0.001, 0.0054 f/cc LOQ: Not Reported	NR	NR	0.0015 f/cc (GM)	NR	0.0007 f/cc (ASD); NR;
Perkins et al. 2007 HERO ID: 1079550 * OQD: Medium	Fiber Type: General; Size: NR Fairbanks, AK, US Scenario: Area air - downwind of site (n = 8; DF = 0.4; Sampling Period: Aug., 1994)	LOD: 0.0054, 0.0028 f/cc LOQ: Not Reported	NR	NR	0.003 f/cc (GM)	NR	0.0017 f/cc (ASD); NR;
Perkins et al. 2007 HERO ID: 1079550 * OQD: Medium	Fiber Type: General; Size: NR Fairbanks, AK, US Scenario: Area air - downwind (n = 9; DF = 0.2; Sampling Period: Aug., 1994)	LOD: 0.0015- 0.0038 f/cc LOQ: Not Reported	NR	NR	0.00155 f/cc (GM)	NR	0.0002 f/cc (ASD); NR;
Perkins et al. 2007 HERO ID: 1079550 * OQD: Medium	Fiber Type: General; Size: NR Fairbanks, AK, US Scenario: Area Air - Baseline near building (n = 3; DF = 0; Sampling Period: May, 1999)	LOD: 0.001 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes with low vermiculite dur- ing digging (n = 14; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	0.248 f/cc	0.03 f/cc (AM)	NR	0.067 f/cc (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes with visible vermiculite during digging (n = 43; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	10.45 f/cc	0.447 f/cc (AM)	NR	1.91 f/cc (ASD); NR;
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes without CSS during digging (n = 5; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	0.143 f/cc	0.031 f/cc (AM)	NR	0.063 f/cc (ASD); NR;
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes with low vermiculite during raking (n = 14; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	0.017 f/cc	0.004 f/cc (AM)	NR	0.006 f/cc (ASD); NR;
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes with visible vermiculite during raking (n = 43; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	0.128 f/cc	0.014 f/cc (AM)	NR	0.029 f/cc (ASD); NR;
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes without CSS during raking (n = 5; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	0.007 f/cc	0.002 f/cc (AM)	NR	0.003 f/cc (ASD); NR;
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes with low vermiculite during mowing (n = 14; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	0.097 f/cc	0.014 f/cc (AM)	NR	0.026 f/cc (ASD); NR;
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes with visible vermiculite during mowing (n = 43; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	0.975 f/cc	0.059 f/cc (AM)	NR	0.158 f/cc (ASD); NR;
Ryan et al. 2013 HERO ID: 2551667 * OQD: High	Fiber Type: General; Size: >5µm Libby, MT, US Scenario: Ambient air near homes without CSS during mowing (n = 5; DF = NR; Sampling Period: 2007 - 2008)	LOD: 0 f/cc LOQ: Not Reported	ND	0.041 f/cc	0.011 f/cc (AM)	NR	0.017 f/cc (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Dolnoslaskie, PL Scenario: Ambient air in Dolnoslaskie (n = 252; DF = 0.95; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000247 f/cc (AM)	2.5th: 0.000195 f/cc; 97.5th: 0.000313 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Kujawsko-Pomorskie, PL Scenario: Ambient air in Kujawsko-Pomorskie (n = 303; DF = 0.96; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000337 f/cc (AM)	2.5th: 0.000271 f/cc; 97.5th: 0.000421 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Lubelskie, PL Scenario: Ambient air in Lubelskie (n = 477; DF = 0.98; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000677 f/cc (AM)	2.5th: 0.00057 f/cc; 97.5th: 0.000804 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Lubuskie, PL Scenario: Ambient air in Lubuskie (n = 171; DF = 0.97; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000611 f/cc (AM)	2.5th: 0.000473 f/cc; 97.5th: 0.00079 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Lodzkie, PL Scenario: Ambient air in Lodzkie (n = 881; DF = 0.98; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000666 f/cc (AM)	2.5th: 0.000579 f/cc; 97.5th: 0.000767 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Malopolskie, PL Scenario: Ambient air in Malopolskie (n = 653; DF = 0.95; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000541 f/cc (AM)	2.5th: 0.000466 f/cc; 97.5th: 0.000628 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Mazowieckie, PL Scenario: Ambient air in Mazowieckie (n = 746; DF = 0.99; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000609 f/cc (AM)	2.5th: 0.000535 f/cc; 97.5th: 0.000694 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Opolskie, PL Scenario: Ambient air in Opolskie (n = 159; DF = 0.92; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000146 f/cc (AM)	2.5th: 0.000106 f/cc; 97.5th: 0.000203 f/cc;	NR; NR;

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Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Podkarpackie, PL Scenario: Ambient air in Podkarpackie (n = 348; DF = 0.98; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000312 f/cc (AM)	2.5th: 0.000254 f/cc; 97.5th: 0.000384 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Podlaskie, PL Scenario: Ambient air in Podlaskie (n = 224; DF = 0.99; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.00041 f/cc (AM)	2.5th: 0.00032 f/cc; 97.5th: 0.000526 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Pomorskie, PL Scenario: Ambient air in Pomorskie (n = 173; DF = 0.98; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000518 f/cc (AM)	2.5th: 0.000404 f/cc; 97.5th: 0.000564 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Slaskie, PL Scenario: Ambient air in Slaskie (n = 488; DF = 1; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000679 f/cc (AM)	2.5th: 0.000577 f/cc; 97.5th: 0.0008 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Swietokrzyskie, PL Scenario: Ambient air in Swietokrzyskie (n = 392; DF = 1; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000709 f/cc (AM)	2.5th: 0.000591 f/cc; 97.5th: 0.000851 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Warminsko-Mazurskie, PL Scenario: Ambient air in Warminsko-Mazurskie (n = 215; DF = 0.99; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000375 f/cc (AM)	2.5th: 0.00029 f/cc; 97.5th: 0.000484 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Wielkopolskie, PL Scenario: Ambient air in Wielkopolskie (n = 300; DF = 0.97; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000393 f/cc (AM)	2.5th: 0.000323 f/cc; 97.5th: 0.000478 f/cc;	NR; NR;
Szeszenia-Dąbrowska et al. 2012 HERO ID: 2567822 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Zachodnio-pomorskie, PL Scenario: Ambient air in Zachodnio-pomorskie (n = 180; DF = 0.99; Sampling Period: Jul., 2004 - Oct., 2010)	LOD: 180 f/m ³ LOQ: Not Reported	NR	NR	0.000411 f/cc (AM)	2.5th: 0.00032 f/cc; 97.5th: 0.000529 f/cc;	NR; NR;

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Cattaneo et al. 2012 HERO ID: 2567890 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 8.1 µm Valmalenco, IT Scenario: Ambient air at nearest town to Malenco serpentinites extraction (n = 9; DF = <1; Sampling Period: 2012)	LOD: 0.0001-0.0008 f/mL LOQ: Not Reported	<LOD	0.0005 f/mL	0.00023 f/mL (AM)	50th: 0.0003 f/mL; 95th: 0.0005 f/mL;	0.00015 f/mL (ASD); NR;
Cattaneo et al. 2012 HERO ID: 2567890 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 8.1 µm Valmalenco, IT Scenario: Ambient air at inhabited locations nearest quarry boundaries (n = 7; DF = <1; Sampling Period: 2012)	LOD: 0.0001-0.0008 f/mL LOQ: Not Reported	<LOD	0.0053 f/mL	0.00109 f/mL (AM)	50th: 0.0003 f/mL; 95th: 0.0053 f/mL;	0.0019 f/mL (ASD); NR;
Cattaneo et al. 2012 HERO ID: 2567890 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 8.1 µm Valmalenco, IT Scenario: Ambient air at inhabited locations nearest processing factory boundaries (n = 6; DF = <1; Sampling Period: 2012)	LOD: 0.0001-0.0008 f/mL LOQ: Not Reported	<LOD	0.0005 f/mL	0.00024 f/mL (AM)	50th: 0.0002 f/mL; 95th: 0.0002 f/mL;	0.00017 f/mL (ASD); NR;
Lee et al. 2009 HERO ID: 2568686 * <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 5 µm Libby, MT, US Scenario: Ambient air near vermiculite mine (n = 122; DF = NR; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0004 f/cc (AM)	NR	NR; NR;
Lee et al. 2009 HERO ID: 2568686 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite), Amosite (asbestiform of mineral grunerite), Tremolite, Actinolite; Size: ≥ 5 µm Libby, MT, US Scenario: Ambient air near vermiculite mine (n = 122; DF = 0.93; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Krakowiak et al. 2009 HERO ID: 2592915 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Crocidolite (asbestiform of mineral riebeckite); Size: NR Sosnowiec, PL Scenario: Ambient air at 11 sites located in the immediate vicinity of buildings without asbestos-containing materials (n = 17; DF = NR; Sampling Period: Spring, 2009 - Fall, 2009)	LOD: 0.001 f/cm ³ LOQ: Not Reported	NR	0.001 f/cm ³	NR	NR	NR; NR;
Krakowiak et al. 2009 HERO ID: 2592915 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Crocidolite (asbestiform of mineral riebeckite); Size: NR Sosnowiec, PL Scenario: Ambient air at 27 sites located in the immediate vicinity of buildings with asbestos-containing materials (n = 41; DF = NR; Sampling Period: Spring, 2009 - Fall, 2009)	LOD: 0.001 f/cm ³ LOQ: Not Reported	NR	0.009 f/cm ³	0.0018 f/cm ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Krakowiak et al. 2009 HERO ID: 2592915 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Crocidolite (asbestiform of mineral riebeckite); Size: NR Sosnowiec, PL Scenario: Ambient air at 24 sites located 100 to 500 m from building with asbestos-containing materials (n = 42; DF = NR; Sampling Period: Spring, 2009 - Fall, 2009)	LOD: 0.001 f/cm ³ LOQ: Not Reported	NR	0.002 f/cm ³	NR	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite, Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1991 (n = 20; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite, Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1992 (n = 20; DF = NR; Sampling Period: 1992)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite, Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1993 (n = 20; DF = NR; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite, Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1994 (n = 20; DF = NR; Sampling Period: 1994)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite, Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1995 (n = 20; DF = NR; Sampling Period: 1995)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite, Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1996 (n = 20; DF = NR; Sampling Period: 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite, Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1997 (n = 20; DF = NR; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1998 (n = 20; DF = NR; Sampling Period: 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1990 (n = 20; DF = 1; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	0.000075 f/mL	0.048 f/mL	0.0048 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1991 (n = 20; DF = <1; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.094 f/mL	0.0075 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1992 (n = 20; DF = <1; Sampling Period: 1992)	LOD: Not Reported LOQ: Not Reported	ND	0.00065 f/mL	0.00017 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1993 (n = 20; DF = <1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	ND	0.003 f/mL	0.00087 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1994 (n = 20; DF = <1; Sampling Period: 1994)	LOD: Not Reported LOQ: Not Reported	ND	0.0025 f/mL	0.00082 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1995 (n = 20; DF = 1; Sampling Period: 1995)	LOD: Not Reported LOQ: Not Reported	0.00013 f/mL	0.024 f/mL	0.0062 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1996 (n = 20; DF = <1; Sampling Period: 1996)	LOD: Not Reported LOQ: Not Reported	ND	0.01 f/mL	0.002 f/mL (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1997 (n = 20; DF = <1; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0011 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°1 taken in 1998 (n = 20; DF = <1; Sampling Period: 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0032 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°5 taken in 1990 (n = 20; DF = 1; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	0.005 f/mL	0.065 f/mL	0.0234 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1990 (n = 20; DF = <1; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	ND	0.16 f/mL	0.0186 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1991 (n = 20; DF = <1; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.024 f/mL	0.0045 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1992 (n = 20; DF = <1; Sampling Period: 1992)	LOD: Not Reported LOQ: Not Reported	ND	0.0067 f/mL	0.0012 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1993 (n = 20; DF = <1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	ND	0.005 f/mL	0.0018 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1994 (n = 20; DF = <1; Sampling Period: 1994)	LOD: Not Reported LOQ: Not Reported	ND	0.013 f/mL	0.004 f/mL (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1995 (n = 20; DF = <1; Sampling Period: 1995)	LOD: Not Reported LOQ: Not Reported	ND	0.019 f/mL	0.0038 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1996 (n = 20; DF = <1; Sampling Period: 1996)	LOD: Not Reported LOQ: Not Reported	ND	0.024 f/mL	0.0057 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1997 (n = 20; DF = <1; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0055 f/mL (AM)	NR	NR; NR;
Axten et al. 2008 HERO ID: 2603705 * <i>OQD:</i> Uninformative	Fiber Type: Tremolite,Actinolite; Size: NR Silver Bay, MN; Beaver Bay, MN; Northeastern Minnesota area, US Scenario: Ambient air from Station N°7 taken in 1998 (n = 20; DF = <1; Sampling Period: 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0029 f/mL (AM)	NR	NR; NR;
Lee et al. 2008 HERO ID: 2604527 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Outdoor air near buildings - all asbestos structures (n = 1678; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00109 s/mL (AM)	NR	0.00634 s/mL (ASD) ; NR;
Lee et al. 2008 HERO ID: 2604527 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Outdoor air near buildings - AHERA structures (n = 1678; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00074 s/mL (AM)	NR	0.00475 s/mL (ASD) ; NR;
Lee et al. 2008 HERO ID: 2604527 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Outdoor air near buildings - all asbestos structures by mass concentration (n = 1678; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.79 ng/m ³ (AM)	NR	15.55 ng/m ³ (ASD) ; NR;
Lange et al. 2008 HERO ID: 2604770 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Eastern USA, US Scenario: Ambient air near school during floor tile and mastic abatement (Project A) (n = 53; DF = <1; Sampling Period: 2000)	LOD: 0.1 f/cc LOQ: Not Reported	<LOD	<0.03 f/cc	<LOD	NR	NR; NR;
Lange et al. 2008 HERO ID: 2604770 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Eastern USA, US Scenario: Ambient air near school during floor tile and mastic abatement (Project B) (n = 60; DF = <1; Sampling Period: 2000)	LOD: 0.1 f/cc LOQ: Not Reported	<LOD	<0.02 f/cc	<LOD	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Lange et al. 2008 HERO ID: 2604770 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μ m Eastern USA, US Scenario: Ambient air near school during roofing abatement (Project C) (n = 43; DF = <1; Sampling Period: 2000)	LOD: 0.1 f/cc LOQ: Not Reported	<LOD	<0.02 f/cc	<LOD	NR	NR; NR;
Lange et al. 2008 HERO ID: 2604770 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μ m Eastern USA, US Scenario: Ambient air near school during window caulking abatement (Project C) (n = 7; DF = <1; Sampling Period: 2000)	LOD: 0.1 f/cc LOQ: Not Reported	<LOD	<0.02 f/cc	<LOD	NR	NR; NR;
Lange et al. 2008 HERO ID: 2604770 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μ m Eastern USA, US Scenario: Ambient air near school during plaster abatement (Project C) (n = 85; DF = <1; Sampling Period: 2000)	LOD: 0.1 f/cc LOQ: Not Reported	<LOD	<0.02 f/cc	<LOD	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μ m Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 1st quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000115 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μ m Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 2nd quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000441 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μ m Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 3rd quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00048 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μ m Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 4th quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000251 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μ m Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 1st quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000183 f/cc (AM)	NR	NR; NR;

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Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 2nd quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000481 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 3rd quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000481 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 4th quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000221 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 1st quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000192 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 2nd quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000373 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 3rd quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000536 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 4th quarter of year, Farm A (n = 3; DF = 0.76; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000199 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 1st quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000173 f/cc (AM)	NR	NR; NR;

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Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 2nd quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000576 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 3rd quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00059 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 4th quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000306 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 1st quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000278 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 2nd quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000782 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 3rd quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000883 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 4th quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000523 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 1st quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000213 f/cc (AM)	NR	NR; NR;

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Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 2nd quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0009 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 3rd quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000609 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 4th quarter of year, Farm B (n = 3; DF = 0.9; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000501 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 1st quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 2nd quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000019 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 3rd quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000037 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm residential building entrance during 4th quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * OQD: Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 1st quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 2nd quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000057 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 3rd quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000076 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm building/livestock house entrance during 4th quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 1st quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 2nd quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000019 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 3rd quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000115 f/cc (AM)	NR	NR; NR;
Buczaj et al. 2014 HERO ID: 3077896 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8 μm Lublin Region (Lublin and Wlodawa counties), PL Scenario: Air from private farm open air within farm yard during 4th quarter of year, Farm C (n = 3; DF = 0.29; Sampling Period: 2009 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Nolan et al. 2005 HERO ID: 3079942 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ New York City, NY, US Scenario: Outdoor air samples after 9/11 ($\geq 5\mu\text{m}$) (n = 6; DF = 0; Sampling Period: Oct., 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Nolan et al. 2005 HERO ID: 3079942 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: < 5 µm New York City, NY, US Scenario: Outdoor air samples after 9/11 (<5µm) (n = 6; DF = 0; Sampling Period: Oct., 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Dong et al. 1994 HERO ID: 3081847 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Paris, FR Scenario: Ambient air near university building with ACM (n = 2; DF = 0.5; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0003 f/mL; ND]					
Dong et al. 1994 HERO ID: 3081847 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >0.5µm Paris, FR Scenario: Ambient air near university building with ACM (n = 2; DF = 0.5; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; 0.0004 f/mL]					
Viallat et al. 1991 HERO ID: 3082291 * <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.45µm northeast region of Corsica, FI,TR Scenario: Outdoor air of Northeast villages (n = 4; DF = 0.5; Sampling Period: 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; ND; 8.2 ng/m ³ ; 40 ng/m ³]					
Viallat et al. 1991 HERO ID: 3082291 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm northeast region of Corsica, FI,TR Scenario: Outdoor air of Northeast villages (n = 4; DF = 1; Sampling Period: 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [4.1 ng/m ³ ; 6.3 ng/m ³ ; 0.6 ng/m ³ ; 53 ng/m ³]					
Viallat et al. 1991 HERO ID: 3082291 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm Northwestern region of Corsica, FI,TR Scenario: Outdoor air of Northwestern Villages (n = 12; DF = NR; Sampling Period: 1982)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.8 ng/m ³ (AM)	NR	NR; NR;	
Viallat et al. 1991 HERO ID: 3082291 * <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.45µm Northwestern region of Corsica, FI,TR Scenario: Outdoor air of Northwestern Villages (n = 12; DF = NR; Sampling Period: 1982)	LOD: Not Reported LOQ: Not Reported	NR	NR	3 ng/m ³ (AM)	NR	NR; NR;	
Boutin et al. 1989 HERO ID: 3082873 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Corsica, FR Scenario: Ambient air from northeast villages (n = 12; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	15.5 ng/m ³ (AM)	NR	10.9 ng/m ³ (ASD) ; NR;	
Boutin et al. 1989 HERO ID: 3082873 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Corsica, FR Scenario: Ambient air from northeast villages (n = 12; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	12 ng/m ³ (AM)	NR	6.6 ng/m ³ (ASD) ; NR;	

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Boutin et al. 1989 HERO ID: 3082873 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Corsica, FR Scenario: Ambient air from northwest villages (n = 12; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.4 ng/m ³ (AM)	NR	0.2 ng/m ³ (ASD) ; NR;
Boutin et al. 1989 HERO ID: 3082873 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Corsica, FR Scenario: Ambient air from northwest villages (n = 12; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.25 ng/m ³ (AM)	NR	0.25 ng/m ³ (ASD) ; NR;
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: <=7 µm Stragari, Kragujevac, RS Scenario: Ambient air in Kotraza Village (n = 2; DF = 1; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	81 s/cm ³	152 s/cm ³	NR	NR	NR; NR;
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: <=7 µm Stragari, Kragujevac, RS Scenario: Ambient air in Kotraza Village, mass concentration (n = 2; DF = 1; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	0.1 mg/m ³	0.2 mg/m ³	NR	NR	NR; NR;
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: <=7 µm Stragari, Kragujevac, RS Scenario: Ambient air in Kotraza Village (400m from the asbestos separation plant) (n = 2; DF = 1; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	92 s/cm ³	233 s/cm ³	NR	NR	NR; NR;
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: <=7 µm Stragari, Kragujevac, RS Scenario: Ambient air in Kotraza Village (400m from the asbestos separation plant), mass concentration (n = 2; DF = 1; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	0.1 mg/m ³	0.6 mg/m ³	NR	NR	NR; NR;
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: <=7 µm Stragari, Kragujevac, RS Scenario: Ambient air at 350m from the asbestos separation plant (n = 2; DF = 1; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	205 s/cm ³	317 s/cm ³	NR	NR	NR; NR;
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: <=7 µm Stragari, Kragujevac, RS Scenario: Ambient air at 350m from the asbestos separation plant, mass concentration (n = 2; DF = 1; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	0.3 mg/m ³	0.8 mg/m ³	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: $\leq 7 \mu\text{m}$ Stragari, Kragujevac, RS Scenario: Ambient air at 2km from the asbestos separation plant (n = 2; DF = 0.5; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	60 s/cm ³	107 s/cm ³	NR	NR	NR; NR;
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: $\leq 7 \mu\text{m}$ Stragari, Kragujevac, RS Scenario: Ambient air at 2km from the asbestos separation plant, mass concentration (n = 2; DF = 0.5; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	ND	0.1 mg/m ³	NR	NR	NR; NR;
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: $\leq 7 \mu\text{m}$ Stragari, Kragujevac, RS Scenario: Ambient air on grounds of the asbestos separation plant (n = 1; DF = 1; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [924 s/cm ³]				
Milošević et al. 1988 HERO ID: 3082917 * OQD: Low	Fiber Type: General; Size: $\leq 7 \mu\text{m}$ Stragari, Kragujevac, RS Scenario: Ambient air on grounds of the asbestos separation plant, mass concentration (n = 1; DF = 1; Sampling Period: Aug., 1975 - Nov., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [5 mg/m ³]				
Chesson et al. 1990 HERO ID: 3095922 * OQD: Medium	Fiber Type: General; Size: NR East coast; Midwest; West; West coast, US Scenario: Ambient air samples near all buildings sampled (n = 37; DF = NR; Sampling Period: 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00039 s/cm ³ (AM)	50th: $< 0.00001 \text{ s/cm}^3$;	0.00096 s/cm ³ (ASD); NR;
Ganor et al. 1992 HERO ID: 3096697 * OQD: Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: NR IL Scenario: Ambient air from asbestos cement plant dump site (n = 4; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.02 f/cm ³ (AM)	NR	NR; NR;
Ganor et al. 1992 HERO ID: 3096697 * OQD: Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: NR IL Scenario: Ambient air from a highway (n = 4; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.002 f/cm ³ (AM)	NR	NR; NR;
Reynolds et al. 1994 HERO ID: 3097354 * OQD: Medium	Fiber Type: General; Size: $> 0.5 \mu\text{m}$ US Scenario: Outdoor air from roof of office building (n = 6; DF = 0; Sampling Period: 1994)	LOD: 0.002 s/cm ³ LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Turci et al. 2016 HERO ID: 3361883 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.8µm Balangero, IT Scenario: Air samples when tilling field irrigated with as- bestos mine waters (n = 4; DF = 0.5; Sampling Period: 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; 0.0021 f/L; ND; 0.0011 f/L]					
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD:</i> Medium	Fiber Type: General; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of quarry property boundary (in opera- tion) (n = 2; DF = 1; Sampling Period: Apr., 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	0.384 f/cc (GM)	NR	NR; NR;	
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of quarry property boundary (in opera- tion) (n = 2; DF = 1; Sampling Period: Apr., 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	<0.009 f/cc (GM)	NR	NR; NR;	
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of quarry property boundary (in opera- tion) (n = 2; DF = 1; Sampling Period: Apr., 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	0.384 f/cc (GM)	NR	NR; NR;	
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeck- ite),Amosite (asbestiform of mineral grunerite),Anthophyllite; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of quarry property boundary (in opera- tion) (n = 2; DF = 0; Sampling Period: Apr., 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	<0.002 f/cc (GM)	NR	NR; NR;	
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD:</i> Medium	Fiber Type: General; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of quarry property boundary (closed) (n = 2; DF = 1; Sampling Period: Mar., 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	0.012 f/cc (GM)	NR	NR; NR;	
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of quarry property boundary (closed) (n = 2; DF = 1; Sampling Period: Mar., 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	0.004 f/cc (GM)	NR	NR; NR;	
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of quarry property boundary (closed) (n = 2; DF = 1; Sampling Period: Mar., 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	0.005 f/cc (GM)	NR	NR; NR;	

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Sakai et al. 2001 HERO ID: 3531405 * <i>OQD: Medium</i>	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite),Anthophyllite; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of quarry property boundary (closed) (n = 2; DF = 0; Sampling Period: Mar., 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	<0.002 f/cc (GM)	NR	NR; NR;
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD: Medium</i>	Fiber Type: General; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of Serpentinite area (n = 10; DF = 0.7; Sampling Period: Mar., 1996 - May, 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	0.005 f/cc (GM)	NR	NR; NR;
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of Serpentinite area (n = 10; DF = 0.4; Sampling Period: Mar., 1996 - May, 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	0.002 f/cc (GM)	NR	NR; NR;
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD: Medium</i>	Fiber Type: Tremolite,Actinolite; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of Serpentinite area (n = 10; DF = 0.7; Sampling Period: Mar., 1996 - May, 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	0.004 f/cc (GM)	NR	NR; NR;
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD: Medium</i>	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite),Anthophyllite; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of Serpentinite area (n = 10; DF = 0; Sampling Period: Mar., 1996 - May, 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	<0.002 f/cc (GM)	NR	NR; NR;
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD: Medium</i>	Fiber Type: General; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of Reference Area (n = 2; DF = 0; Sampling Period: May, 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	<0.002 f/cc (GM)	NR	NR; NR;
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of Reference Area (n = 2; DF = 0; Sampling Period: May, 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	<0.002 f/cc (GM)	NR	NR; NR;
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD: Medium</i>	Fiber Type: Tremolite,Actinolite; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of Reference Area (n = 2; DF = 0; Sampling Period: May, 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	<0.002 f/cc (GM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sakai et al. 2001 HERO ID: 3531405 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite),Anthophyllite; Size: >2µm eastern area of Aichi Prefecture, JP Scenario: Ambient air of Reference Area (n = 2; DF = 0; Sampling Period: May, 1996)	LOD: 0.002 f/cc LOQ: Not Reported	NR	NR	<0.002 f/cc (GM)	NR	NR; NR;
Lundgren et al. 1991 HERO ID: 3582228 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Outdoor background air (n = 2; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Jaffrey et al. 1990 HERO ID: 3582281 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Greater London, GB Scenario: Ambient air from Site 1 (North Circular Road Junction) - Location 1 (n = 12; DF = 0.25; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	<0.00055 f/mL (AM)	NR	NR; NR;
Jaffrey et al. 1990 HERO ID: 3582281 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Greater London, GB Scenario: Ambient air from Site 1 (North Circular Road Junction) - Location 2 (n = 13; DF = 0.62; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.006 f/mL (AM)	NR	NR; NR;
Jaffrey et al. 1990 HERO ID: 3582281 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Greater London, GB Scenario: Ambient air from Site 1 (North Circular Road Junction) - Location 3 (n = 16; DF = 0.06; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.003 f/mL (AM)	NR	NR; NR;
Jaffrey et al. 1990 HERO ID: 3582281 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Greater London, GB Scenario: Ambient air from Site 2 (Euston Underpass) (n = 9; DF = 0.55; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0005 f/mL (AM)	NR	NR; NR;
Bruckman et al. 1978 HERO ID: 3583133 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Connecticut, US Scenario: Ambient air from a manufacturer of ammunition and wire/cable (n = 4; DF = 1; Sampling Period: Oct., 1975 - Nov., 1975)	LOD: Not Reported LOQ: Not Reported	3 ng/m ³	33 ng/m ³	NR	NR	NR; NR;
Bruckman et al. 1978 HERO ID: 3583133 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Connecticut, US Scenario: Ambient air from a manufacturer of molding compounds (n = 4; DF = 1; Sampling Period: Jan., 1976 - Feb., 1976)	LOD: Not Reported LOQ: Not Reported	3 ng/m ³	33 ng/m ³	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Bruckman et al. 1978 HERO ID: 3583133 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Connecticut, US Scenario: Ambient air in an urban area (n = 9; DF = <1; Sampling Period: Nov., 1974 - Feb., 1976)	LOD: Not Reported LOQ: Not Reported	ND	9 ng/m ³	NR	NR	NR; NR;	
Bruckman et al. 1978 HERO ID: 3583133 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Connecticut, US Scenario: Ambient air in a rural area (n = 7; DF = <1; Sampling Period: Nov., 1974 - Feb., 1976)	LOD: Not Reported LOQ: Not Reported	ND	6 ng/m ³	NR	NR	NR; NR;	
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD: Medium</i>	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Ambient air outside Colorado school buildings (PCM) (n = 5; DF = 0.2; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; ND; ND; ND; 5000 fibers counted]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD: Medium</i>	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Ambient air outside Colorado school buildings (TEM) (n = 5; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [73000 fibers counted; 0.012 f/cc; 271000 fibers counted; 0.05 f/cc; 121000 fibers counted; 0.043 f/cc; 17000 fibers counted; 0.004 f/cc; 5000 fibers counted; 0.001 f/cc]					
Cherrie et al. 1989 HERO ID: 3657321 * <i>OQD: Low</i>	Fiber Type: General; Size: NR GB Scenario: Dust from outside asbestos factory - PCOM (n = 12; DF = 1; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	2 f/mm2	6 f/mm2	NR	NR	NR; NR;	
Cherrie et al. 1989 HERO ID: 3657321 * <i>OQD: Low</i>	Fiber Type: General; Size: NR GB Scenario: Dust of an urban environment - PCOM (n = 12; DF = <1; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	ND	3 f/mm2	NR	NR	NR; NR;	
Cherrie et al. 1989 HERO ID: 3657321 * <i>OQD: Low</i>	Fiber Type: General; Size: NR GB Scenario: Dust from asbestos factory - PCOM (n = 12; DF = 1; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	170 f/mm2	370 f/mm2	NR	NR	NR; NR;	
Rohl et al. 1977 HERO ID: 3660546 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.8 µm Rockville, Maryland, US Scenario: Ambient air at a light-moderate traffic intersection (n = 2; DF = 1; Sampling Period: Jun., 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [500 ng/m ³ ; 4700 ng/m ³]					

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Rohl et al. 1977 HERO ID: 3660546 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.8 µm Rockville, Maryland, US Scenario: Ambient air at a school parking lot (n = 1; DF = 1; Sampling Period: Jun., 1977)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [1000 ng/m ³]	
Rohl et al. 1977 HERO ID: 3660546 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.8 µm Rockville, Maryland, US Scenario: Ambient air at a residential area (n = 1; DF = 1; Sampling Period: Jun., 1977)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [2000 ng/m ³]	
Rohl et al. 1977 HERO ID: 3660546 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.8 µm Rockville, Maryland, US Scenario: Ambient air at a roadside abutting National Bureau of Standards (n = 1; DF = 1; Sampling Period: Jun., 1977)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [3600 ng/m ³]	
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Ambient air from schools - total (n = 94; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.002 s/cm ³ (AM)	95th: 0.0086 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Ambient air from schools - total, mass concentration (n = 94; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.13 ng/m ³ (AM)	95th: 0.39 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: ≥5 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Ambient air from schools - >5µm (n = 94; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (10 mph/ 5 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.755 s/cc (AM)	NR	NR; NR;

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John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 5 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	6.3 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (10 mph/ 10 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.225 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 10 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.275 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (10 mph/ 30 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.33 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 30 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.535 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 50 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.91 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (10 mph/ 80 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.2115 s/cc (AM)	NR	NR; NR;

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John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 80 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.71 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 100 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.4265 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (10 mph/ 130 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0477 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 130 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.505 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 160 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.35 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road before resurfacing (25 mph/ 190 ft) (n = 9; DF = 1; Sampling Period: Jul., 2002)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.187 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (back-ground) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0047 s/cc (AM)	NR	NR; NR;

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John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (no simulation, 5 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0585 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (10 mph, 5 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0155 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (25 mph, 5 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0654 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (no simulation, 30 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0069 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (10 mph, 30 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (25 mph, 30 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0218 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and ≥ 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (no simulation, 80 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0046 s/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and >= 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (10 mph, 80 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.025 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and >= 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (25 mph, 80 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0076 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and >= 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (25 mph, 100 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.013 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and >= 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (25 mph, 160 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and >= 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (25 mph, 190 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.009 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and >= 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (no simulation, 300 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0091 s/cc (AM)	NR	NR; NR;
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and >= 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (10 mph, 300 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.036 s/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
John A. Volpe National Transportation Systems Center et al. 2004 HERO ID: 3969298 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: both <5 µm and >= 5 µm Garden Valley, CA, US Scenario: Ambient air near a road after resurfacing (25 mph, 300 ft) (n = 8; DF = NR; Sampling Period: Aug., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General, Tremolite; Size: NR Libby, Montana, US Scenario: Ambient air from OU3 stations (n = 97; DF = 0.113; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0002 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site A (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.005 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site B (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site C (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.007 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site D (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.012 s/cm ³	0.004 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site E (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.007 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site F (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.002 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site G (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site H (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.006 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;

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U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site I (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.02 s/cm ³	0.005 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site J (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site M (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.007 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site O (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.003 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site Q (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site R (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0 s/cm ³	0.012 s/cm ³	0.004 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site S (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	<LOD	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site T (n = 5; DF = 0; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site P (n = 5; DF = 0; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site N (n = 5; DF = 0; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site L (n = 5; DF = 0; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Outdoor air - Site K (n = 5; DF = 0; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Santa Cruz, CA, US Scenario: Background ambient air of Santa Cruz demolition 11/03/1989 (n = 9; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.005 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Santa Cruz, CA, US Scenario: Downwind ambient air of Santa Cruz demolition 11/03/1989 (n = 10; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.003 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Santa Cruz, CA, US Scenario: Background ambient air of Santa Cruz demolition 11/04/1989 (n = 10; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.006 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Santa Cruz, CA, US Scenario: Downwind ambient air of Santa Cruz demolition 11/04/1989 (n = 10; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.008 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Santa Cruz, CA, US Scenario: Background ambient air of Santa Cruz demolition 11/06/1989 (n = 10; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.008 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Santa Cruz, CA, US Scenario: Downwind ambient air of Santa Cruz demolition 11/06/1989 (n = 10; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.004 s/cc (AM)	NR	NR; NR;

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IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Santa Cruz, CA, US Scenario: Background ambient air of Santa Cruz landfill (n = 4; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.006 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Santa Cruz, CA, US Scenario: Downwind ambient air of Santa Cruz landfill (n = 5; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.005 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Watsonville, CA, US Scenario: Background ambient air of Watsonville demolition (n = 4; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.006 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Watsonville, CA, US Scenario: Downwind ambient air of Watsonville demolition (n = 5; DF = NR; Sampling Period: Nov., 1989)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	0.051 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45 µm Fort Bliss, TX, US Scenario: Upwind ambient air of Fort Bliss demolition (n = 4; DF = NR; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	<LOD	0.009 s/cc	0.003 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45 µm Fort Bliss, TX, US Scenario: Downwind ambient air of Fort Bliss demolition (n = 19; DF = NR; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	<LOD	0.041 s/cc	0.014 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Fairbanks, AK, US Scenario: Upwind ambient air of Aurora school demolition (n = 24; DF = NR; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	<LOD	0.004 s/cc	<0.001 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Fairbanks, AK, US Scenario: Downwind ambient air of Aurora school demolition (n = 32; DF = NR; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	<LOD	0.028 s/cc	0.002 s/cc (AM)	NR	NR; NR;

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IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Fairbanks, AK, US Scenario: Dump downwind ambient air of Aurora school demolition (n = 6; DF = NR; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	<LOD	<LOD	<0.001 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Fairbanks, AK, US Scenario: Upwind ambient air of Fort Wainwright school demolition day 1 (n = 4; DF = NR; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	<LOD	<LOD	<0.001 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Fairbanks, AK, US Scenario: Downwind ambient air of Fort Wainwright school demolition day 1 (n = 15; DF = NR; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	<LOD	0.02 s/cc	0.002 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Fairbanks, AK, US Scenario: Dump downwind ambient air of Fort Wainwright school demolition day 1 (n = 2; DF = 0; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Fairbanks, AK, US Scenario: Downwind ambient air of Fort Wainwright school demolition day 2 (n = 8; DF = NR; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	<LOD	0.003 s/cc	0.001 s/cc (AM)	NR	NR; NR;
IT Corporation et al. 1993 HERO ID: 3970150 * OQD: Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Fairbanks, AK, US Scenario: Dump downwind ambient air of Fort Wainwright school demolition day 2 (n = 2; DF = 0; Sampling Period: 1993)	LOD: 0.003-0.01 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: ≥ 5 µm US Scenario: Post-abatement ambient air at university (site 1) - TEM (n = 4; DF = 0.75; Sampling Period: Dec., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0067 f/cm ³ (AM)	NR	0.0045 f/cm ³ (ASD); NR;

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U.S. EPA et al. 1991 HERO ID: 3970154 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >= 5 µm US Scenario: Post-abatement ambient air at university (site 1) - PCM (n = 5; DF = 0.2; Sampling Period: Dec., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0002 f/cm ³ (AM)	NR	0.0004 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >= 5 µm US Scenario: Post-abatement ambient air at university (site 3) - PCM (n = 3; DF = 1; Sampling Period: Sept., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0107 f/cm ³ (AM)	NR	0.0015 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >= 5 µm US Scenario: Post-abatement ambient air at university (site 3) - TEM (n = 3; DF = 0; Sampling Period: Sept., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
ATSDR et al. 2012 HERO ID: 3970328 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 microns Minefields Asbestos Site, Maryland, US Scenario: Perimeter air of Camp Moshava area removed from immediate activity (n = 2; DF = 0; Sampling Period: Apr., 2012)	LOD: 0.00038; 0.00039 s/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Ambient air samples from off-site 2008-2009 - TEM (n = 51; DF = NR; Sampling Period: Jul., 2008 - Sept., 2009)	LOD: Not Reported LOQ: Not Reported	<0.0003 f/cc	0.0006 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Ambient air samples from off-site 2008-2009 - PCM (n = 51; DF = NR; Sampling Period: Jul., 2008 - Sept., 2009)	LOD: Not Reported LOQ: Not Reported	NR	0.012 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Ambient air from off-site 2010-2011 - PCME (n = 98; DF = 0.2; Sampling Period: Nov., 2010 - Oct., 2011)	LOD: Not Reported LOQ: Not Reported	ND	0.001 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Ambient air from off-site 2010-2011 - AHERA (n = 98; DF = 0.2; Sampling Period: Nov., 2010 - Oct., 2011)	LOD: Not Reported LOQ: Not Reported	NR	0.0022 f/cc	NR	NR	NR; NR;

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ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Ambient air from off-site 2010-2011 - TEM (n = 98; DF = 0.2; Sampling Period: Nov., 2010 - Oct., 2011)	LOD: Not Reported LOQ: Not Reported	NR	0.023 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Ambient air from off-site 2010-2011 - Berman-Crump (n = 98; DF = 0.2; Sampling Period: Nov., 2010 - Oct., 2011)	LOD: Not Reported LOQ: Not Reported	NR	0.011 f/cc	NR	NR	NR; NR;
CAREX Canada et al. 2017 HERO ID: 3978368 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR CA,US Scenario: Ambient air from multiple locations (n = 1759; DF = NR; Sampling Period: 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00002 f/mL (GM)	NR	NR; NR;
NJDOH et al. 1986 HERO ID: 3982249 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Willingboro, NJ, US Scenario: Chrysotile in exterior ambient air sample of 2 homes (n = 2; DF = 0; Sampling Period: 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
DTSC et al. 2005 HERO ID: 3982256 * <i>OQD:</i> High	Fiber Type: General; Size: >5µm Garden Valley, CA, US Scenario: Air near a road with traffic traveling 10 mph- Initial (n = 5; DF = 1; Sampling Period: Jul., 2002 - 2003)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.755 s/cc; 0.225 s/cc; 0.33 s/cc; 0.2115 s/cc; 0.0477 s/cc]				
DTSC et al. 2005 HERO ID: 3982256 * <i>OQD:</i> High	Fiber Type: General; Size: >5µm Garden Valley, CA, US Scenario: Air near a road with traffic traveling 10 mph - post resurfacing (n = 4; DF = 0.75; Sampling Period: Jul., 2002 - 2003)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0155 s/cc; <0.0139 s/cc; 0.025 s/cc; 0.036 s/cc]				
DTSC et al. 2005 HERO ID: 3982256 * <i>OQD:</i> High	Fiber Type: General; Size: >5µm Garden Valley, CA, US Scenario: Air near a road with no traffic - post resurfacing (n = 4; DF = 1; Sampling Period: Jul., 2002 - 2003)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0585 s/cc; 0.0069 s/cc; 0.0046 s/cc; 0.0091 s/cc]				
DTSC et al. 2005 HERO ID: 3982256 * <i>OQD:</i> High	Fiber Type: General; Size: >5µm Garden Valley, CA, US Scenario: Air near a background road (n = 9; DF = 1; Sampling Period: Jul., 2002 - 2003)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0047 s/cc; 0.0047 s/cc; 0.0047 s/cc; 0.0047 s/cc; 0.0047 s/cc; 0.0047 s/cc; 0.0047 s/cc; 0.0047 s/cc; 0.0047 s/cc]				
DTSC et al. 2005 HERO ID: 3982256 * <i>OQD:</i> High	Fiber Type: General; Size: >5µm Garden Valley, CA, US Scenario: Air near a road with traffic traveling 25 mph- Initial (n = 9; DF = 1; Sampling Period: Jul., 2002 - 2003)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [6.3 s/cc; 2.275 s/cc; 1.535 s/cc; 0.91 s/cc; 0.71 s/cc; 0.4265 s/cc; 0.505 s/cc; 0.35 s/cc; 0.187 s/cc]				

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DTSC et al. 2005 HERO ID: 3982256 * <i>OQD:</i> High	Fiber Type: General; Size: >5µm Garden Valley, CA, US Scenario: Air near a road with traffic traveling 25 mph - post resurfacing (n = 7; DF = 0.71; Sampling Period: Jul., 2002 - 2003)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0654 s/cc; 0.0218 s/cc; 0.0076 s/cc; 0.013 s/cc; <0.0046 s/cc; 0.009 s/cc; <0.0043 s/cc]					
Litzistorf et al. 1985 HERO ID: 6862009 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes CH Scenario: Ambient air in an urban town (1A) (n = 5; DF = 1; Sampling Period: Jul., 1977 - Aug., 1977)	LOD: Not Reported LOQ: Not Reported	0.00715 f/cc	0.0551 f/cc	0.027 f/cc (AM)	NR	0.0188 f/cc (ASD); NR;	
Litzistorf et al. 1985 HERO ID: 6862009 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes CH Scenario: Ambient air in an urban town (1B) (n = 5; DF = 1; Sampling Period: Jul., 1977 - Mar., 1978)	LOD: Not Reported LOQ: Not Reported	0.0117 f/cc	0.0897 f/cc	0.0337 f/cc (AM)	NR	0.0293 f/cc (ASD); NR;	
Litzistorf et al. 1985 HERO ID: 6862009 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes CH Scenario: Ambient air in a suburban area (n = 2; DF = 1; Sampling Period: Jun., 1983)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.00592 f/cc; 0.00523 f/cc]					
Litzistorf et al. 1985 HERO ID: 6862009 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes CH Scenario: Ambient air in a small village in a remote area (n = 2; DF = 1; Sampling Period: Jul., 1983)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.00126 f/cc; 0.00084 f/cc]					
Litzistorf et al. 1985 HERO ID: 6862009 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes CH Scenario: Ambient air in the mountain of the Swiss alps (n = 2; DF = 0; Sampling Period: Jul., 1983)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Litzistorf et al. 1985 HERO ID: 6862009 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes CH Scenario: Ambient air near a group of buildings insulated with asbestos-containing material (5A) (n = 2; DF = 1; Sampling Period: Nov., 1981 - Sept., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.171 f/cc; 0.0069 f/cc]					
Litzistorf et al. 1985 HERO ID: 6862009 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes CH Scenario: Ambient air near a group of buildings insulated with asbestos-containing material (5B) (n = 2; DF = 1; Sampling Period: Nov., 1981 - Sept., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.00207 f/cc; 0.00135 f/cc]					

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Capella et al. 2020 HERO ID: 6865650 * <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: $\geq 5\mu\text{m}$ Torino, Piemonte, NW Italy, IT Scenario: Ambient air near city crossroads in 2016 (n = 24; DF = 0.417; Sampling Period: Apr., 2016 - Nov., 2016)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0006 f/cc (AM)	NR	NR; NR;
Capella et al. 2020 HERO ID: 6865650 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Anthophyllite; Size: $\geq 5\mu\text{m}$ Torino, Piemonte, NW Italy, IT Scenario: Ambient air near city crossroads in 2016 (n = 24; DF = 0; Sampling Period: Apr., 2016 - Nov., 2016)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Capella et al. 2020 HERO ID: 6865650 * <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: $\geq 5\mu\text{m}$ Torino, Piemonte, NW Italy, IT Scenario: Ambient air near city crossroads in 2014 (n = 24; DF = 0.417; Sampling Period: Apr., 2014 - Nov., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0006 f/cc (AM)	NR	NR; NR;
Capella et al. 2020 HERO ID: 6865650 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Anthophyllite; Size: $\geq 5\mu\text{m}$ Torino, Piemonte, NW Italy, IT Scenario: Ambient air near city crossroads in 2014 (n = 24; DF = 0; Sampling Period: Apr., 2014 - Nov., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Neitzel et al. 2020 HERO ID: 6865897 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 10-20 μm Detroit, Michigan, US Scenario: Ambient air near demolition sites (n = 25; DF = NR; Sampling Period: Oct., 2017 - Mar., 2018)	LOD: 0.00038 to 0.5 PCM 0.000086 to 0.013 TEM f/cc LOQ: Not Reported	NR	NR	NR	90th: 0.0001 f/cc;	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 1 (n = 15; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.002 ng	NR	50th: 0.0004 ng;	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 2 (n = 15; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0005 ng	NR	50th: 0.0004 ng;	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 3 (n = 13; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0016 ng	NR	50th: 0.0003 ng;	NR; NR;

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Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 4 (n = 14; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0013 ng	NR	50th: 0.0003 ng;	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 5 (n = 5; DF = NR; Sampling Period: Nov., 1974)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0018 ng	NR	50th: 0.0009 ng;	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 6 (n = 2; DF = NR; Sampling Period: Jun., 1976)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0006 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 7, 10, 11, 12 and Construction Area 2 (n = 5; DF = 1; Sampling Period: Mar., 1975 - Dec., 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0004 ng; 0.0004 ng; 0.0002 ng; 0.0005 ng; 0.0007 ng]					
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 8 (n = 2; DF = NR; Sampling Period: Oct., 1976)	LOD: Not Reported LOQ: Not Reported	0.0003 ng	0.0008 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 9 (n = 2; DF = NR; Sampling Period: Nov., 1976)	LOD: Not Reported LOQ: Not Reported	0.0008 ng	0.0009 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 13 (n = 2; DF = NR; Sampling Period: Nov., 1976)	LOD: Not Reported LOQ: Not Reported	0.0002 ng	0.0054 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Typical Urban Site 14 (n = 2; DF = NR; Sampling Period: Nov., 1976)	LOD: Not Reported LOQ: Not Reported	0.0004 ng	0.0004 ng	NR	NR	NR; NR;	

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Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Crossroad location 1 (n = 15; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0012 ng	NR	50th: 0.0004 ng;	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Crossroad location 2 (n = 14; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0011 ng	NR	50th: 0.0004 ng;	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Crossroad location 3 (n = 14; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0002 ng	0.0062 ng	NR	50th: 0.0009 ng;	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Construction area 1 (n = 9; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0007 ng	0.0028 ng	NR	50th: 0.001 ng;	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Construction area 3 (n = 5; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0002 ng	0.0012 ng	NR	50th: 0.0009 ng;	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Construction area 4 (n = 2; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0061 ng	0.009 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air at Construction area 5 (n = 2; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0004 ng	0.002 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Outdoor air in vicinity of a freeway (n = 15; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0006 ng	NR	50th: 0.0002 ng;	NR; NR;

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Nolan et al. 2001 HERO ID: 6874316 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: >5 μm US Scenario: Ambient air near schools (n = 9; DF = NR; Sampling Period: 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0008 f/mL (AM)	NR	NR; NR;
Nolan et al. 2001 HERO ID: 6874316 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: >5 μm US Scenario: Ambient air near university (n = 31; DF = NR; Sampling Period: 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00222 f/mL (AM)	NR	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor air (PCM all) (n = 295; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0019 f/mL (AM)	10th: 0.0005 f/mL; 50th: 0.0015 f/mL; 90th: 0.0032 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor air (PCM upper) (n = 151; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0018 f/mL (AM)	10th: 0.0004 f/mL; 50th: 0.0016 f/mL; 90th: 0.0034 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor air (PCM lower) (n = 144; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0019 f/mL (AM)	10th: 0.0006 f/mL; 50th: 0.0015 f/mL; 90th: 0.0032 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor air (TEM all) (n = 295; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	<0.0001 f/mL (AM)	10th: 0 f/mL; 50th: 0 f/mL; 90th: 0 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor air (TEM upper) (n = 151; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	<0.0001 f/mL (AM)	10th: 0 f/mL; 50th: 0 f/mL; 90th: 0 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor air (TEM lower) (n = 144; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	<0.0001 f/mL (AM)	10th: 0 f/mL; 50th: 0 f/mL; 90th: 0 f/mL;	NR; NR;

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U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Ambient air from ground level - PCM (n = 2; DF = 0; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Ambient air from ground level - TEM (n = 1; DF = 0; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.006 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [<0.006 f/cm ³]				
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Ambient air from roof level - PCM (n = 3; DF = 0; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Ambient air from roof level - TEM (n = 1; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.006 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.011 f/cm ³]				
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Ambient air outside of pre-abatement area of uni- versity site 1 (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0041 s/cm ³ (AM)	NR	0.0009 s/cm ³ (ASD) ; NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Ambient air outside of pre-abatement area of uni- versity site 2 (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0011 s/cm ³ (AM)	NR	0.0016 s/cm ³ (ASD) ; NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Ambient air outside of post-abatement area of university site 1 (n = 4; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0067 s/cm ³ (AM)	NR	0.0045 s/cm ³ (ASD) ; NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Ambient air outside of pre-abatement area of uni- versity site 3 (n = 3; DF = 0; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Ambient air outside of post-abatement area of university site 3 (n = 3; DF = 0; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm King City, CA, US Scenario: Ambient air from upwind Union Carbide Mill (n = 2; DF = 1; Sampling Period: Sept., 2001)	LOD: 2,400 f/m ³ LOQ: Not Reported	0.0047 f/cc	0.14 f/cc	NR	NR	NR; NR;
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm King City, CA, US Scenario: Ambient air from downwind Union Carbide Mill (n = 2; DF = 0.5; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	<LOD	0.0094 f/cc	NR	NR	NR; NR;
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm San Jose, CA, US Scenario: Ambient air from industrial location of St. James Park (n = 4; DF = 0.75; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.016 f/cc (AM)	NR	NR; NR;
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Napa, CA, US Scenario: Ambient air from non-urban site at Fuller Park (n = 4; DF = 0.75; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.0063 f/cc (AM)	NR	NR; NR;
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Century City, CA, US Scenario: Ambient air from vehicle braking intersection (Day 1) (n = 8; DF = 0.5; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.031 f/cc (AM)	NR	NR; NR;
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Century City, CA, US Scenario: Ambient air from vehicle braking intersection (Day 2) (n = 8; DF = 0.5; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.042 f/cc (AM)	NR	NR; NR;
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Sonora, CA, US Scenario: Ambient air from natural mineralogical source site (n = 4; DF = 0.75; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.0071 f/cc (AM)	NR	NR; NR;
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm San Fernando Valley, CA, US Scenario: Ambient air from urban site of a valley (n = 5; DF = 0.75; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.019 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Bakersfield, CA, US Scenario: Ambient air from urban site of CARB Meteorological Station (n = 4; DF = 0.5; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.029 f/cc (AM)	NR	NR; NR;	
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm South Gate, CA, US Scenario: Ambient air from industrial source around Certified Testing Laboratories (n = 7; DF = 0.5; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.037 f/cc (AM)	NR	NR; NR;	
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm San Diego, CA, US Scenario: Ambient air from San Diego State Weather Station (n = 5; DF = 0.2; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.0045 f/cc (AM)	NR	NR; NR;	
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm King City, CA, US Scenario: Ambient air from upwind and downwind Union Carbide Mill (n = 4; DF = 0.75; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	0.051 f/cc (AM)	NR	NR; NR;	
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Stockton, CA, US Scenario: Ambient air from downwind Manville Plant (SEM) (n = 2; DF = 1; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	POINT VALUE(S): [0.1 f/cc; 0.1 f/cc]					
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Stockton, CA, US Scenario: Ambient air from downwind Manville Plant (TEM) (n = 1; DF = 1; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	POINT VALUE(S): [0.018 f/cc]					
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Stockton, CA, US Scenario: Ambient air from Manville Plant (SEM) (n = 4; DF = 1; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	POINT VALUE(S): [0.6 f/cc; 0.57 f/cc; 0.44 f/cc; 0.63 f/cc]					
Baxter et al. 1983 HERO ID: 6906546 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Stockton, CA, US Scenario: Ambient air from Manville Plant (TEM) (n = 2; DF = 1; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	POINT VALUE(S): [0.57 f/cc; 0.44 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Baxter et al. 1983 HERO ID: 6906546 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5µm Stockton, CA, US Scenario: Ambient air from upwind Manville Plant (n = 3; DF = 0; Sampling Period: Sept., 2001)	LOD: 2,400 f/L LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Ambient air total sampling, 0.001-0.0001 f/cm ³ - TEM (n = 9; DF = 0; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Ambient air total sampling, 0.01-0.001 f/cm ³ - TEM (n = 9; DF = 0; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Ambient air total sampling, >0.01 f/cm ³ - TEM (n = 9; DF = 0; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Ambient air total sampling, >0.01f/cm ³ - PCM (n = 87; DF = 0; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Ambient air total sampling, 0.01-0.0022 f/cm ³ - PCM (n = 87; DF = 0.31; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	0.01 f/cm ³	0.0022 f/cm ³	NR	NR	NR; NR;
Hatfield et al. 1988 HERO ID: 6912224 * <i>OQD:</i> Medium	Fiber Type: General; Size: 1µm US Scenario: Outdoor air samples near 48 buildings with asbestos-containing materials (n = 48; DF = NR; Sampling Period: May, 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00039 s/cc (AM)	50th: <0.00001 s/cc;	0.00096 s/cc (ASD) ; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: NR Vallica, Corsica, France, FR Scenario: Outdoor air from Vallica (n = 3; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	ND	2 ng/m ³	0.7 ng/m ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Ville Di Paraso, Corsica, France, FR Scenario: Outdoor air from Ville Di Paraso (n = 3; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	ND	0.2 ng/m ³	0.1 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Bastellica, Corsica, France, FR Scenario: Outdoor air from Bastellica (n = 3; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	ND	2 ng/m ³	0.9 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Tolla, Corsica, France, FR Scenario: Outdoor air from Tolla (n = 3; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	ND	2 ng/m ³	0.1 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Murato, Corsica, France, FR Scenario: Outdoor air from Murato (n = 3; DF = 1; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	7 ng/m ³	21 ng/m ³	14 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Rutali, Corsica, France, FR Scenario: Outdoor air from Rutali (n = 3; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	ND	8 ng/m ³	3 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Campile, Corsica, France, FR Scenario: Outdoor air from Campile (n = 3; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	ND	1 ng/m ³	0.4 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Moita, Corsica, France, FR Scenario: Outdoor air from Moita (n = 3; DF = 1; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	15 ng/m ³	200 ng/m ³	93 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Vallica, Corsica, France; Ville Di Paraso, Corsica, France; Bastellica, Corsica, France; Tolla, Corsica, France, FR Scenario: Chrysotile from indoor and outdoor air from control villages (n = 16; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.5 ng/m ³ (AM)	NR	NR; NR;

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Billon-Galland et al. 1988 HERO ID: 6917343 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Murato, Corsica, France; Rutali, Corsica, France; Campile, Corsica, France; Moita, Corsica, France, FR Scenario: Chrysotile from indoor and outdoor air from exposed villages (n = 16; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	15.2 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * <i>OQD: Medium</i>	Fiber Type: Tremolite; Size: NR Vallica, Corsica, France; Ville Di Paraso, Corsica, France; Bastellica, Corsica, France; Tolla, Corsica, France, FR Scenario: Tremolite from indoor and outdoor air from control villages (n = 16; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.2 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * <i>OQD: Medium</i>	Fiber Type: Tremolite; Size: NR Murato, Corsica, France; Rutali, Corsica, France; Campile, Corsica, France; Moita, Corsica, France, FR Scenario: Tremolite from indoor and outdoor air from exposed villages (n = 16; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	24 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Vallica, Corsica, France; Ville Di Paraso, Corsica, France; Bastellica, Corsica, France; Tolla, Corsica, France, FR Scenario: Total from indoor and outdoor air from control villages (n = 16; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.7 ng/m ³ (AM)	NR	NR; NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Murato, Corsica, France; Rutali, Corsica, France; Campile, Corsica, France; Moita, Corsica, France, FR Scenario: Total from indoor and outdoor air from exposed villages (n = 16; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	39.2 ng/m ³ (AM)	NR	NR; NR;
Dusek et al. 1993 HERO ID: 7481806 † <i>OQD: Medium</i>	Fiber Type: General, Tremolite, Actinolite; Size: NR Fairfax, Virginia, US Scenario: Ambient air from caisson drills, air drills, and other compressed air-driven equipment (n = 41; DF = NR; Sampling Period: Jul., 1987 - Oct., 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Dusek et al. 1993 HERO ID: 7481806 † <i>OQD: Medium</i>	Fiber Type: General, Tremolite, Actinolite; Size: NR Fairfax, Virginia, US Scenario: Ambient air near construction workers (n = 21; DF = NR; Sampling Period: Aug., 1987 - Oct., 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;

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Dusek et al. 1993 HERO ID: 7481806 * <i>OQD: Medium</i>	Fiber Type: General,Tremolite,Actinolite; Size: NR Fairfax, Virginia, US Scenario: Ambient air from perimeter or nonwork-oriented monitors (n = 23; DF = NR; Sampling Period: Aug., 1987 - Jul., 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Jung et al. 2021 HERO ID: 7482446 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Urban site - PCM (n = 28; DF = 1; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	0.0001 f/cc	0.0028 f/cc	0.00032 f/cc (GM)	NR	2.76 f/cc (ASD) ; NR;
Jung et al. 2021 HERO ID: 7482446 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Urban site - TEM (n = 28; DF = 0.036; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	<LOD	0.0009 f-PCME/cc	0.00046 f-PCME/cc (GM)	NR	1.14 f-PCME/cc (ASD) ; NR;
Jung et al. 2021 HERO ID: 7482446 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Rural site - PCM (n = 20; DF = 1; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	0.0002 f/cc	0.0015 f/cc	0.00056 f/cc (GM)	NR	1.79 f/cc (ASD) ; NR;
Jung et al. 2021 HERO ID: 7482446 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Rural site - TEM (n = 20; DF = 0; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	<LOD	<LOD	0.00046 f-PCME/cc (GM)	NR	1 f-PCME/cc (ASD) ; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Jung et al. 2021 HERO ID: 7482446 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite, Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Mine site - PCM (n = 227; DF = 1; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	0.0001 f/cc	0.0012 f/cc	0.00032 f/cc (GM)	NR	2.04 f/cc (ASD); NR;
Jung et al. 2021 HERO ID: 7482446 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite, Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Mine site - TEM (n = 227; DF = 0.09; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	<LOD	0.0305 f-PCME/cc	0.00057 f-PCME/cc (GM)	NR	1.9 f-PCME/cc (ASD); NR;
Jung et al. 2021 HERO ID: 7482446 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite, Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Landscape stone site - PCM (n = 39; DF = 1; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	0.0001 f/cc	0.005 f/cc	0.00161 f/cc (GM)	NR	2.05 f/cc (ASD); NR;
Jung et al. 2021 HERO ID: 7482446 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite, Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Landscape stone site - TEM (n = 39; DF = 0.026; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	<LOD	0.0009 f-PCME/cc	0.00045 f-PCME/cc (GM)	NR	1.12 f-PCME/cc (ASD); NR;
Jung et al. 2021 HERO ID: 7482446 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite, Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Baseball field site - PCM (n = 34; DF = 1; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	0.0002 f/cc	0.0041 f/cc	0.00122 f/cc (GM)	NR	1.89 f/cc (ASD); NR;

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Jung et al. 2021 HERO ID: 7482446 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite, Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Baseball field site - TEM (n = 34; DF = 0.088; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	<LOD	0.0074 f- PCME/cc	0.00055 f- PCME/cc (GM)	NR	1.71 f- PCME/cc (ASD); NR;
Jung et al. 2021 HERO ID: 7482446 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite, Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Background site - PCM (n = 4; DF = 1; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	0.0002 f/cc	0.0004 f/cc	0.00034 f/cc (GM)	NR	1.41 f/cc (ASD); NR;
Jung et al. 2021 HERO ID: 7482446 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite, Actinolite; Size: 5.24-35.5 µm, 5.01-28.5 µm, 6.07-40.2 µm Seoul, Busan, Incheon, Daegu, Ulsan, Gwangju, Daejeon, Gangwon-do, Gyeongsangbuk-do, Chungcheongbukdo, Chungcheongnam-do, Jeollabuk-do, Jeollanam-do, and Gyeonggi-do, KR Scenario: Ambient air at Background site - TEM (n = 4; DF = 0; Sampling Period: Jan., 2021)	LOD: Not Reported LOQ: Not Reported	<LOD	<LOD	0.00045 f- PCME/cc (GM)	NR	1 f-PCME/cc (ASD); NR;
ATSDR et al. 2002 HERO ID: 10284987 * OQD: Medium	Fiber Type: General; Size: NR DeSoto, Kansas, US Scenario: Ambient air near an ammunition plant during a time critical test burn (n = 6; DF = 0; Sampling Period: Jan., 1997)	LOD: 0.0017 - 0.0032 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
ATSDR et al. 2002 HERO ID: 10284987 * OQD: Medium	Fiber Type: General; Size: NR DeSoto, Kansas, US Scenario: Ambient air near an ammunition plant during a non-time critical test burn (first) (n = 6; DF = 0; Sampling Period: Feb., 1997)	LOD: 0.0906, 0.0622, 0.0466 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
ATSDR et al. 2002 HERO ID: 10284987 * OQD: Medium	Fiber Type: General; Size: NR DeSoto, Kansas, US Scenario: Ambient air near an ammunition plant during a non-time critical test burn (second) (n = 6; DF = 0; Sampling Period: Jun., 1997)	LOD: 0.0846 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Table 2: Data Extraction Tables of Exposure Monitoring Studies for Drinking Water

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Lethbridge, Alberta, CA Scenario: Raw drinking water of Lethbridge public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [83000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Lethbridge, Alberta, CA Scenario: Treated drinking water of Lethbridge public water supplies (n = 2; DF = 0.5; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	0 f/cc	500 f/cc	NR	NR	NR; NR;
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Medicine Hat, Alberta, CA Scenario: Raw drinking water of Medicine Hat public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [6500 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Medicine Hat, Alberta, CA Scenario: Treated drinking water of Medicine Hat public water supplies (n = 2; DF = 0.5; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	0 f/cc	500 f/cc	NR	NR	NR; NR;
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Cassiar, British Columbia, CA Scenario: Raw drinking water of Cassiar public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [25000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Kamloops, British Columbia, CA Scenario: Raw drinking water of Kamloops public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [11000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Kamloops, British Columbia, CA Scenario: Treated drinking water of Kamloops public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [4500 f/cc]	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Vancouver, British Columbia, CA Scenario: Raw drinking water of Vancouver public water supplies (n = 2; DF = 0.5; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	0 f/cc	500 f/cc	NR	NR	NR; NR;	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Vancouver, British Columbia, CA Scenario: Treated drinking water of Vancouver public water supplies (n = 2; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	1000 f/cc	1000 f/cc	NR	NR	NR; NR;	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Portage la Prairie, Manitoba, CA Scenario: Raw drinking water of Portage la Prairie public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	POINT VALUE(S): [36000 f/cc]					
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Portage la Prairie, Manitoba, CA Scenario: Treated drinking water of Portage la Prairie public water supplies (n = 2; DF = 0.5; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	0 f/cc	500 f/cc	NR	NR	NR; NR;	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Selkirk, Manitoba, CA Scenario: Raw drinking water of Selkirk public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	POINT VALUE(S): [31000 f/cc]					
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Selkirk, Manitoba, CA Scenario: Treated drinking water of Selkirk public water supplies (n = 2; DF = 0.5; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	0 f/cc	500 f/cc	NR	NR	NR; NR;	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Thompson, Manitoba, CA Scenario: Raw drinking water of Thompson public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	POINT VALUE(S): [190000 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Thompson, Manitoba, CA Scenario: Treated drinking water of Thompson public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	POINT VALUE(S): [1000 f/cc]					
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Winnipeg, Manitoba, CA Scenario: Raw drinking water of Winnipeg public water supplies (n = 2; DF = 0.5; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	0 f/cc	500 f/cc	NR	NR	NR; NR;	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Winnipeg, Manitoba, CA Scenario: Treated drinking water of Winnipeg public water supplies (n = 2; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	500 f/cc	1500 f/cc	NR	NR	NR; NR;	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Baie Verte, Newfoundland, CA Scenario: Raw drinking water of Baie Verte public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	POINT VALUE(S): [400000 f/cc]					
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Baie Verte, Newfoundland, CA Scenario: Treated drinking water of Baie Verte public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	POINT VALUE(S): [480000 f/cc]					
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Gander, Newfoundland, CA Scenario: Raw drinking water of Gander public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	POINT VALUE(S): [2000 f/cc]					
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Gander, Newfoundland, CA Scenario: Treated drinking water of Gander public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	POINT VALUE(S): [6000 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Labrador City, Newfoundland, CA Scenario: Treated drinking water of Labrador City public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [5600 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR La Scie, Newfoundland, CA Scenario: Raw drinking water of La Scie public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [7000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Yellowknife, Northwest Territories, CA Scenario: Raw drinking water of Yellowknife public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [3000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Yellowknife, Northwest Territories, CA Scenario: Treated drinking water of Yellowknife public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [31000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Matheson, Ontario, CA Scenario: Raw drinking water of Matheson public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [7500 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Matheson, Ontario, CA Scenario: Treated drinking water of Matheson public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [1000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Asbestos, Quebec, CA Scenario: Raw drinking water of Asbestos public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [170000 f/cc]	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Asbestos, Quebec, CA Scenario: Treated drinking water of Asbestos public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [95000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Beaulac, Quebec, CA Scenario: Treated drinking water of Beaulac public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [24000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Disraeli, Quebec, CA Scenario: Raw drinking water of Disraeli public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [220000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Sherbrooke, Quebec, CA Scenario: Raw drinking water of Sherbrooke public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [73000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Sherbrooke, Quebec, CA Scenario: Treated drinking water of Sherbrooke public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [26000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Thetford Mine, Quebec, CA Scenario: Treated drinking water of Thetford Mines public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [140000 f/cc]	
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Prince Albert, Saskatchewan, CA Scenario: Raw drinking water of Prince Albert public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [8600 f/cc]	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Toft et al. 1981 HERO ID: 208 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Prince Albert, Saskatchewan, CA Scenario: Treated drinking water of Prince Albert public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [500 f/cc]	
Toft et al. 1981 HERO ID: 208 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Dawson City, Yukon Territory, CA Scenario: Raw drinking water of Dawson City public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [13000 f/cc]	
Toft et al. 1981 HERO ID: 208 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Whitehorse, Yukon Territory, CA Scenario: Raw drinking water of Whitehorse public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [270000 f/cc]	
Toft et al. 1981 HERO ID: 208 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Whitehorse, Yukon Territory, CA Scenario: Treated drinking water of Whitehorse public water supplies (n = 1; DF = 1; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported				POINT VALUE(S): [38000 f/cc]	
Toft et al. 1981 HERO ID: 208 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Labrador City, Newfoundland, CA Scenario: Raw drinking water of Labrador City public water supplies (n = 1; DF = 0; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Toft et al. 1981 HERO ID: 208 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Hearst, Ontario, CA Scenario: Raw drinking water of Hearst public water supplies (n = 1; DF = 0; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Toft et al. 1981 HERO ID: 208 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Hearst, Ontario, CA Scenario: Treated drinking water of Hearst public water supplies (n = 1; DF = 0; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Beaulac, Quebec, CA Scenario: Raw drinking water of Beaulac public water supplies (n = 1; DF = 0; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Thetford Mine, Quebec, CA Scenario: Raw drinking water of Thetford Mines public water supplies (n = 1; DF = 0; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Toft et al. 1981 HERO ID: 208 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Dawson City, Yukon Territory, CA Scenario: Treated drinking water of Dawson City public water supplies (n = 1; DF = 0; Sampling Period: Aug., 1977 - Sept., 1997)	LOD: 5000000 f/L LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
, 1975 HERO ID: 1263629 <i>OQD: Low</i>	Fiber Type: General; Size: NR North Troy, VT; Duluth, MN; Seattle, WA; San Francisco, CA; Skidway Island. GA, US Scenario: Potable water from interstate carrier water supplies with counts over 500 thousand f/L (n = 63; DF = 0.14; Sampling Period: Dec., 1975)	LOD: Not Reported LOQ: Not Reported	500 f/cc	NR	NR	NR	NR; NR;
, 1975 HERO ID: 1263629 <i>OQD: Low</i>	Fiber Type: General; Size: NR North Troy, VT; Duluth, MN; Seattle, WA; San Francisco, CA; Skidway Island. GA, US Scenario: Potable water from interstate carrier water supplies with counts over 1 million f/L (n = 63; DF = 0.08; Sampling Period: Dec., 1975)	LOD: Not Reported LOQ: Not Reported	1000 f/cc	NR	NR	NR	NR; NR;
Puffer et al. 1987 HERO ID: 2815086 <i>OQD: Medium</i>	Fiber Type: General; Size: 0.1 µm Staten Island, NY, US Scenario: Drinking water from a consumer tap (n = 2; DF = 0; Sampling Period: 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Kanarek et al. 1981 HERO ID: 3580600 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm San Francisco, California, US Scenario: Drinking water before asbestos-cement pipes in system A (n = 14; DF = NR; Sampling Period: Jul., 1974 - Mar., 1978)	LOD: 10 - 100 f/cc LOQ: Not Reported	NR	NR	225 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kanarek et al. 1981 HERO ID: 3580600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm San Francisco, California, US Scenario: Drinking water before asbestos-cement pipes in system B (n = 12; DF = NR; Sampling Period: Jul., 1974 - Mar., 1978)	LOD: 10 - 100 f/cc LOQ: Not Reported	NR	NR	188 f/cc (AM)	NR	NR; NR;
Kanarek et al. 1981 HERO ID: 3580600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm San Francisco, California, US Scenario: Drinking water before asbestos-cement pipes in system C (n = 9; DF = 0.22; Sampling Period: Jul., 1974 - Mar., 1978)	LOD: 10 - 100 f/cc LOQ: Not Reported	NR	NR	75 f/cc (AM)	NR	NR; NR;
Kanarek et al. 1981 HERO ID: 3580600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm San Francisco, California, US Scenario: Drinking water before asbestos-cement pipes in other systems (n = 4; DF = NR; Sampling Period: Jul., 1974 - Mar., 1978)	LOD: 10 - 100 f/cc LOQ: Not Reported	NR	NR	28.8 f/cc (AM)	NR	NR; NR;
Kanarek et al. 1981 HERO ID: 3580600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm San Francisco, California, US Scenario: Drinking water after asbestos-cement pipes in system A (n = 14; DF = NR; Sampling Period: Jul., 1974 - Mar., 1978)	LOD: 10 - 100 f/cc LOQ: Not Reported	NR	NR	126 f/cc (AM)	NR	NR; NR;
Kanarek et al. 1981 HERO ID: 3580600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm San Francisco, California, US Scenario: Drinking water after asbestos-cement pipes in system B (n = 12; DF = NR; Sampling Period: Jul., 1974 - Mar., 1978)	LOD: 10 - 100 f/cc LOQ: Not Reported	NR	NR	311 f/cc (AM)	NR	NR; NR;
Kanarek et al. 1981 HERO ID: 3580600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm San Francisco, California, US Scenario: Drinking water after asbestos-cement pipes in system C (n = 9; DF = 0.11; Sampling Period: Jul., 1974 - Mar., 1978)	LOD: 10 - 100 f/cc LOQ: Not Reported	NR	NR	8630 f/cc (AM)	NR	NR; NR;
Kanarek et al. 1981 HERO ID: 3580600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm San Francisco, California, US Scenario: Drinking water after asbestos-cement pipes in other systems (n = 4; DF = NR; Sampling Period: Jul., 1974 - Mar., 1978)	LOD: 10 - 100 f/cc LOQ: Not Reported	NR	NR	535 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Cherubini et al. 1998 HERO ID: 3580701 † <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Crocidolite (asbestiform of mineral riebeckite), Amosite (asbestiform of mineral grunerite), Tremolite; Size: 0.8 µm Tuscany, Italy, IT Scenario: Drinking water from aqueducts (n = 59; DF = 0.24; Sampling Period: 1995 - 1996)	LOD: 0.002 MFL LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	
Kay et al. 1974 HERO ID: 3581077 <i>OQD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Drinking water - output from Municipality of Metropolitan Toronto (n = 3; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1350 f/cc; 720 f/cc; 770 f/cc]					
Kay et al. 1974 HERO ID: 3581077 <i>OQD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Drinking water - output from Municipality of Metropolitan Toronto, mass concentration (n = 3; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.00149 µg/L; 0.00099 µg/L; 0.00033 µg/L]					
Kay et al. 1974 HERO ID: 3581077 <i>OQD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Drinking water - raw/input to Municipality of Metropolitan Toronto (n = 3; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [830 f/cc; 4060 f/cc; 2760 f/cc]					
Kay et al. 1974 HERO ID: 3581077 <i>OQD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Drinking water - raw/input to Municipality of Metropolitan Toronto, mass concentration (n = 3; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.00085 µg/L; 0.00508 µg/L; 0.00473 µg/L]					
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: >10 µm Kraków, Poland, PL Scenario: Drinking water from pipes on Architektow St. >10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	120 f/cc (AM)	NR	20014 f/cc (ASD); NR;	
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: <10 µm Kraków, Poland, PL Scenario: Drinking water from pipes on Architektow St. <10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	320 f/cc (AM)	NR	7500 f/cc (ASD); NR;	
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: >10 µm Kraków, Poland, PL Scenario: Drinking water from pipes on Powstancow St. >10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	110 f/cc (AM)	NR	12520 f/cc (ASD); NR;	

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Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: <10 µm Kraków, Poland, PL Scenario: Drinking water from pipes on Powstancow St. <10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	400 f/cc (AM)	NR	6020 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: >10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Albertynskie >10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	90 f/cc (AM)	NR	14023 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: <10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Albertynskie <10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	600 f/cc (AM)	NR	40320 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: >10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Kalinowe >10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	70 f/cc (AM)	NR	17243 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: <10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Kalinowe <10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	200 f/cc (AM)	NR	3700 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: >10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Strusia >10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	840 f/cc (AM)	NR	9645 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: <10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Strusia <10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	5200 f/cc (AM)	NR	322530 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: >10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Wysokie >10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	750 f/cc (AM)	NR	60553 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: <10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Wysokie <10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	4200 f/mL (AM)	NR	210470 f/cc (ASD); NR;

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Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: >10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Kombatantow >10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	550 f/cc (AM)	NR	110326 f/cc (ASD); NR;
Zielina et al. 2007 HERO ID: 3581127 <i>OQD:</i> Medium	Fiber Type: General; Size: <10 µm Kraków, Poland, PL Scenario: Drinking water from pipes from Kombatantow <10 µm (n = 3; DF = NR; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	3200 f/cc (AM)	NR	241050 f/cc (ASD); NR;
McMillan et al. 1977 HERO ID: 3581573 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Waukegan to Burns Harbor, MI, US Scenario: Treated Lake Michigan water (n = 234; DF = 1; Sampling Period: Jul., 1974 - Dec., 1975)	LOD: Not Reported LOQ: Not Reported	80 f/cc	550 f/cc	230 f/cc (AM)	NR	NR; NR;
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Tap water near Cowansville with asbestos-bearing railway ballast (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [16100 f/cc; 3900 f/cc; 50 f/10 grid squares; 9 f/10 grid squares]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the older part of the system for a large utility - System A (n = 9; DF = 0.22; Sampling Period: Jan., 1975 - Jan., 1979)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; 100 f/cc; 100 f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the older part of the system for a large utility - System A (n = 9; DF = 0.89; Sampling Period: Jan., 1975 - Jan., 1979)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [BDL/NSS f/cc; 1700 f/cc; 33000 f/cc; 1700 f/cc; 1200 f/cc; 700 f/cc; 200 f/cc; 400 f/cc; 700 f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 3 for a municipal water supply - System I (n = 1; DF = 1; Sampling Period: Jun., 1975 - Jul., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [19000 f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 3 for a municipal water supply - System I (n = 1; DF = 1; Sampling Period: Jun., 1975 - Jul., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [9600 f/cc]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 2 of a utility - System D (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 2 of a utility - System D (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the original well supply for large utility - System A (n = 8; DF = 0; Sampling Period: Jan., 1975 - Jan., 1979)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the original well supply for large utility - System A (n = 8; DF = 0.13; Sampling Period: Jan., 1975 - Jan., 1979)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [200 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the control works of a utility with average water usage - System B (n = 7; DF = 0; Sampling Period: Feb., 1975 - Nov., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the control works of a utility with average water usage - System B (n = 7; DF = 0; Sampling Period: Feb., 1975 - Nov., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the sample point 1 of a utility with average water usage - System B (n = 7; DF = 0; Sampling Period: Feb., 1975 - Nov., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the sample point 1 of a utility with average water usage - System B (n = 7; DF = 0.43; Sampling Period: Feb., 1975 - Nov., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [200 f/cc; 200 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; 200 f/cc; 500 f/cc; BDL/NSS f/cc]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the untreated well source of a privately owned utility - System C (n = 6; DF = 0; Sampling Period: Feb., 1975 - Dec., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the untreated well source of a privately owned utility - System C (n = 6; DF = 0.17; Sampling Period: Feb., 1975 - Dec., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [100 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 1 of a privately owned utility - System C (n = 6; DF = 0; Sampling Period: Feb., 1975 - Dec., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 1 of a privately owned utility - System C (n = 6; DF = 0.17; Sampling Period: Feb., 1975 - Dec., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [200 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 2 of a privately owned utility - System C (n = 6; DF = 0; Sampling Period: Feb., 1975 - Dec., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 2 of a privately owned utility - System C (n = 6; DF = 0.17; Sampling Period: Feb., 1975 - Dec., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [200 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from treatment plant into a utility - System D (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from treatment plant into a utility - System D (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 1 of a utility - System D (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 1 of a utility - System D (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the source treatment plant for a utility - System E (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the source treatment plant for a utility - System E (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 1 for a utility - System E (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 1 for a utility - System E (n = 5; DF = 0.2; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [100 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]					
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 2 for a utility - System E (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 2 for a utility - System E (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the treatment plant sourced from man-made reservoir for a utility - System F (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the treatment plant sourced from man-made reservoir for a utility - System F (n = 5; DF = 0.2; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [200 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 1 from man-made reservoir for a utility - System F (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 1 from man-made reservoir for a utility - System F (n = 5; DF = 0.2; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [300 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]				
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 2 from man-made reservoir for a utility - System F (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 2 from man-made reservoir for a utility - System F (n = 5; DF = 0; Sampling Period: Jun., 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from treatment plant for a municipal water system with a surface water supply - System G (n = 1; DF = 0; Sampling Period: Mar., 1976 - Nov., 1978)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from treatment plant for a municipal water system with a surface water supply - System G (n = 1; DF = 0; Sampling Period: Mar., 1976 - Nov., 1978)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 1 of a municipal water system with a surface water supply - System G (n = 10; DF = 0; Sampling Period: Mar., 1976 - Nov., 1978)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 1 of a municipal water system with a surface water supply - System G (n = 10; DF = 0.8; Sampling Period: Mar., 1976 - Nov., 1978)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1100 f/cc; 1100 f/cc; 200 f/cc; 1100 f/cc; 100 f/cc; 4600 f/cc; 2500 f/cc; 4000 f/cc; BDL/NSS f/cc; BDL/NSS f/cc]					
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 2 of a municipal water system with a surface water supply - System G (n = 8; DF = 0; Sampling Period: Mar., 1976 - Nov., 1978)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 2 of a municipal water system with a surface water supply - System G (n = 8; DF = 0.5; Sampling Period: Mar., 1976 - Nov., 1978)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; 200 f/cc; 100 f/cc; 3100 f/cc; 1800 f/cc]					
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from combination of source water for a municipal water supply - System I (n = 1; DF = 0; Sampling Period: Jun., 1975 - Jul., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from combination of source water for a municipal water supply - System I (n = 1; DF = 0; Sampling Period: Jun., 1975 - Jul., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 1 for a municipal water supply - System I (n = 3; DF = 0; Sampling Period: Jun., 1975 - Jul., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 1 for a municipal water supply - System I (n = 3; DF = 1; Sampling Period: Jun., 1975 - Jul., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [100 f/cc; 200 f/cc; 100 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from sampling point 2 for a municipal water supply - System I (n = 1; DF = 0; Sampling Period: Jun., 1975 - Jul., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from sampling point 2 for a municipal water supply - System I (n = 1; DF = 0; Sampling Period: Jun., 1975 - Jul., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the sample point 2 of a utility with average water usage - System B (n = 7; DF = 0.86; Sampling Period: Feb., 1975 - Nov., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [BDL/NSS f/cc; 400 f/cc; 700 f/cc; 1600 f/cc; 700 f/cc; 900 f/cc; 300 f/cc]					
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the sample point 2 of a utility with average water usage - System B (n = 7; DF = 0.14; Sampling Period: Feb., 1975 - Nov., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [100 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]					
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.3-40 µm US Scenario: Drinking water from the newest part of the system for a large utility - System A (n = 8; DF = 0.63; Sampling Period: Jan., 1975 - Jan., 1979)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; 1200 f/cc; 400 f/cc; 300 f/cc; 700 f/cc; 100 f/cc]					
Buelow et al. 1980 HERO ID: 3583025 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.7-60 µm US Scenario: Drinking water from the newest part of the system for a large utility - System A (n = 8; DF = 0.13; Sampling Period: Jan., 1975 - Jan., 1979)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [200 f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc; BDL/NSS f/cc]					
Webber et al. 1988 HERO ID: 3583096 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Tap water from impacted houses (n = 2; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [16000 f/cc; 29300 f/cc]					
Webber et al. 1988 HERO ID: 3583096 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Tap water from impacted houses, mass concentration (n = 2; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.57 µg/L; 0.94 µg/L]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Webber et al. 1988 HERO ID: 3583096 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Tap water from control houses (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [580 f/cc; 145 f/cc; 2470 f/cc]					
Webber et al. 1988 HERO ID: 3583096 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Tap water from control houses, mass concentration (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0032 µg/L; 0.00027 µg/L; 0.04 µg/L]					
Hallenbeck et al. 1978 HERO ID: 3583818 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Northeast Illinois, US Scenario: Drinking water in groundwater system before pipe (n = 5; DF = 1; Sampling Period: Feb., 1975 - May, 1975)	LOD: 80200 f/L LOQ: Not Reported	POINT VALUE(S): [120000 f/L; 80000 f/L; 200000 f/L; 320000 f/L; 40000 f/L]					
Hallenbeck et al. 1978 HERO ID: 3583818 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Northeast Illinois, US Scenario: Drinking water in groundwater system before pipe, mass concentration (n = 5; DF = 1; Sampling Period: Feb., 1975 - May, 1975)	LOD: 80200 f/L LOQ: Not Reported	POINT VALUE(S): [120 pg/L; 100 pg/L; 220 pg/L; 850 pg/L; 24 pg/L]					
Hallenbeck et al. 1978 HERO ID: 3583818 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Northeast Illinois, US Scenario: Drinking water in groundwater system after pipe (n = 5; DF = 0.6; Sampling Period: Feb., 1975 - May, 1975)	LOD: 80200 f/L LOQ: Not Reported	POINT VALUE(S): [80000 f/L; 4800 f/L; ND; 2000 f/L; ND]					
Hallenbeck et al. 1978 HERO ID: 3583818 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Northeast Illinois, US Scenario: Drinking water in groundwater system after pipe, mass concentration (n = 5; DF = 0.6; Sampling Period: Feb., 1975 - May, 1975)	LOD: 80200 f/L LOQ: Not Reported	POINT VALUE(S): [740 pg/L; 350 pg/L; ND; 220 pg/L; 740 pg/L]					
Hallenbeck et al. 1978 HERO ID: 3583818 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Northeast Illinois, US Scenario: Drinking water in Lake Michigan system before pipe (n = 10; DF = 1; Sampling Period: Feb., 1975 - May, 1975)	LOD: 58400 f/L LOQ: Not Reported	POINT VALUE(S): [58000 f/L; 58000 f/L; 58000 f/L; 120000 f/L; 58000 f/L; 230000 f/L; 670000 f/L; 410000 f/L; 29000 f/L; 88000 f/L]					
Hallenbeck et al. 1978 HERO ID: 3583818 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Northeast Illinois, US Scenario: Drinking water in Lake Michigan system before pipe, mass concentration (n = 10; DF = 1; Sampling Period: Feb., 1975 - May, 1975)	LOD: 58400 f/L LOQ: Not Reported	POINT VALUE(S): [31 pg/L; 3500 pg/L; 240 pg/L; 10100 pg/L; 160 pg/L; 740 pg/L; 17500 pg/L; 540 pg/L; 230 pg/L; 140 pg/L]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Hallenbeck et al. 1978 HERO ID: 3583818 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Northeast Illinois, US Scenario: Drinking water in Lake Michigan system after pipe (n = 10; DF = 1; Sampling Period: Feb., 1975 - May, 1975)	LOD: 58400 f/L LOQ: Not Reported	POINT VALUE(S): [180000 f/L; 3800 f/L; 1800 f/L; 58000 f/L; 58000 f/L; 26000 f/L; 550000 f/L; 18000 f/L; 150000 f/L; 1200 f/L]					
Hallenbeck et al. 1978 HERO ID: 3583818 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Northeast Illinois, US Scenario: Drinking water in Lake Michigan system after pipe, mass concentration (n = 10; DF = 1; Sampling Period: Feb., 1975 - May, 1975)	LOD: 58400 f/L LOQ: Not Reported	POINT VALUE(S): [2200 pg/L; 240 pg/L; 730 pg/L; 2800 pg/L; 200 pg/L; 600 pg/L; 3900 pg/L; 160 pg/L; 480 pg/L; 58 pg/L]					
Hayward et al. 1984 HERO ID: 3585730 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR CA, US Scenario: Drinking water from water treatment plants near natural erosion of serpentine (influent) (n = 5; DF = 1; Sampling Period: Feb., 1982 - Sept., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [29000000 f/cc; 30000 f/cc; 4000000 f/cc; 3100000 f/cc; 28000000 f/cc]					
Hayward et al. 1984 HERO ID: 3585730 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR CA, US Scenario: Drinking water from water treatment plants near natural erosion of serpentine (effluent) (n = 5; DF = 1; Sampling Period: Feb., 1982 - Sept., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [160000 f/cc; 2600 f/cc; 19000 f/cc; 500 f/cc; 500 f/cc]					
Hayward et al. 1984 HERO ID: 3585730 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR CA, US Scenario: Drinking water from an office tap and storage tank in coastal areas near natural erosion of serpentine (n = 2; DF = 1; Sampling Period: Apr., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [140000000 f/cc; 260000000 f/cc]					
Cunningham et al. 1971 HERO ID: 3615476 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ottawa, Toronto, Montreal, Quebec, CA Scenario: Drinking water from a bottle and beverages (n = 14; DF = 1; Sampling Period: 1971)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [4300 f/cc; 6600 f/cc; 2000 f/cc; 1100 f/cc; 4100 f/cc; 2000 f/cc; 2600 f/cc; 2100 f/cc; 1800 f/cc; 11700 f/cc; 12200 f/cc; 1700 f/cc; 1700 f/cc; 2500 f/cc]					
Cunningham et al. 1971 HERO ID: 3615476 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ottawa, Toronto, Montreal, Quebec, CA Scenario: Drinking water from a tap (n = 8; DF = 1; Sampling Period: 1971)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2000 f/cc; 4400 f/cc; 2400 f/cc; 9500 f/cc; 8100 f/cc; 2900 f/cc; 5900 f/cc; 172700 f/cc]					
ATSDR et al. 2012 HERO ID: 3970349 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm Borough of Ambler, Montgomery County, PA, US Scenario: Drinking water in the public water distribution system in the Borough of Ambler near an ACM disposal site (n = 5; DF = 0.2; Sampling Period: Spring, 2011)	LOD: 60-90 f/cc LOQ: Not Reported	POINT VALUE(S): [<80 f/cc; <90 f/cc; <90 f/cc; <60 f/cc; 90 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ma et al. 2017 HERO ID: 4168732 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: NR Iksan, KR Scenario: Tap water from homes in an industrial city in Korea (n = 6; DF = 1; Sampling Period: Jul., 2005)	LOD: Not Reported LOQ: Not Reported	0.042 f/cc	0.483 f/cc	0.2133 f/cc (AM)	NR	0.1797 f/cc (ASD) ; NR;
Ma et al. 2017 HERO ID: 4168732 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: NR Fukuoka prefecture, JP Scenario: Tap water from homes in industrial cities in Japan (n = 9; DF = 1; Sampling Period: Jul., 2005)	LOD: Not Reported LOQ: Not Reported	0.004 f/cc	0.688 f/cc	0.1811 f/cc (AM)	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: G1 Distribution G treated water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 430-820 f/cc LOQ: Not Reported	NR	NR	90 f/cc (AM)	2.5th: 2 f/cc; 97.5th: 520 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: G1 Distribution G treated water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 430-820 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from G2 Distribution G tap water with asbestos cement distribution system (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 410-430 f/cc LOQ: Not Reported	NR	NR	70 f/cc (AM)	2.5th: 2 f/cc; 97.5th: 390 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from G2 Distribution G tap water with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 410-430 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: H1 Distribution H finished water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 770-820 f/cc LOQ: Not Reported	NR	NR	400 f/cc (AM)	2.5th: 80 f/cc; 97.5th: 1160 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: H1 Distribution H finished water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 770-820 f/cc LOQ: Not Reported	NR	NR	130 f/cc (AM)	2.5th: 3 f/cc; 97.5th: 740 f/cc;	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from H2 Distribution H tap water sink 1 with asbestos cement distribution system (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 420-840 f/cc LOQ: Not Reported	NR	NR	90 f/cc (AM)	2.5th: 2 f/cc; 97.5th: 520 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from H2 Distribution H tap water sink 1 with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 420-840 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from H3 Distribution H tap water sink 2 with asbestos cement distribution system (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 320-340 f/cc LOQ: Not Reported	POINT VALUE(S): [2100 f/cc; ND]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from H3 Distribution H tap water sink 2 with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 320-340 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: J1 Distribution J finished water (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 280-350 f/cc LOQ: Not Reported	NR	NR	410 f/cc (AM)	2.5th: 170 f/cc; 97.5th: 810 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: J1 Distribution J finished water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 280-350 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from J2 Distribution J tap water with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 330-790 f/cc LOQ: Not Reported	POINT VALUE(S): [2100 f/cc; 440 f/cc]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from J2 Distribution J tap water with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 330-790 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: K1 Distribution K finished water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 330-350 f/cc LOQ: Not Reported	NR	NR	60 f/cc (AM)	2.5th: 1 f/cc; 97.5th: 310 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: K1 Distribution K finished water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 330-350 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from K2 Distribution K tap water with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 330-390 f/cc LOQ: Not Reported	NR	NR	120 f/cc (AM)	2.5th: 10 f/cc; 97.5th: 430 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from K2 Distribution K tap water with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 330-390 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: L2 Distribution L finished water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 90-170 f/cc LOQ: Not Reported	NR	NR	20 f/cc (AM)	2.5th: 1 f/cc; 97.5th: 100 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: L2 Distribution L finished water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 90-170 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L4 Distribution L storage tank occupied flat with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 150 f/cc LOQ: Not Reported	NR	NR	80 f/cc (AM)	2.5th: 20 f/cc; 97.5th: 220 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L4 Distribution L storage tank occupied flat with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 150 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L5 Distribution L kitchen tap water with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 170 f/cc LOQ: Not Reported	NR	NR	110 f/cc (AM)	2.5th: 30 f/cc; 97.5th: 29 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L5 Distribution L kitchen tap water with asbestos cement distribution system (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 170 f/cc LOQ: Not Reported	NR	NR	30 f/cc (AM)	2.5th: 1 f/cc; 97.5th: 160 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L6 Distribution L storage tank unoccupied flat with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 190-1250 f/cc LOQ: Not Reported	POINT VALUE(S): [6900 f/cc; 57700 f/cc]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L6 Distribution L storage tank unoccupied flat with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 190-7530 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from M2 Distribution M service tank with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 860-1460 f/cc LOQ: Not Reported	NR	NR	1080 f/cc (AM)	2.5th: 400 f/cc; 97.5th: 2350 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from M3 Distribution M tap water museum with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 430-860 f/cc LOQ: Not Reported	POINT VALUE(S): [860 f/cc; 4290 f/cc]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from M3 Distribution M tap water museum with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 430-860 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from M4 Distribution M tap water public convenience with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 440-880 f/cc LOQ: Not Reported	NR	NR	1750 f/cc (AM)	2.5th: 1040 f/cc; 97.5th: 2760 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: N1 Distribution N finished water (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 820-850 f/cc LOQ: Not Reported	NR	NR	280 f/cc (AM)	2.5th: 30 f/cc; 97.5th: 1000 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: N1 Distribution N finished water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 820-850 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from N2 Distribution N first kitchen tap with asbestos cement distribution system (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 780-870 f/cc LOQ: Not Reported	NR	NR	140 f/cc (AM)	2.5th: 3 f/cc; 97.5th: 760 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from N2 Distribution N first kitchen tap with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 780-870 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from N3 Distribution N second kitchen tap with asbestos cement distribution system (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 830-840 f/cc LOQ: Not Reported	NR	NR	830 f/cc (AM)	2.5th: 310 f/cc; 97.5th: 1820 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from N3 Distribution N second kitchen tap with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 830-840 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: P1 Distribution P finished water treatment works (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 160-310 f/cc LOQ: Not Reported	NR	NR	140 f/cc (AM)	2.5th: 40 f/cc; 97.5th: 370 f/cc;	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: P1 Distribution P finished water treatment works (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 160-310 f/cc LOQ: Not Reported	NR	NR	40 f/cc (AM)	2.5th: 1 f/cc; 97.5th: 200 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from P2 Distribution P service reservoir with asbestos cement distribution system (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 170-340 f/cc LOQ: Not Reported	NR	NR	40 f/cc (AM)	2.5th: 1 f/cc; 97.5th: 210 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from P2 Distribution P service reservoir with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 170-340 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: P3 Distribution P kitchen tap water (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 330-340 f/cc LOQ: Not Reported	NR	NR	220 f/cc (AM)	2.5th: 60 f/cc; 97.5th: 570 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: P3 Distribution P kitchen tap water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 330-340 f/cc LOQ: Not Reported	NR	NR	60 f/cc (AM)	2.5th: 1 f/cc; 97.5th: 310 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Q1 Distribution Q reservoir inlet (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 3810-4320 f/cc LOQ: Not Reported	NR	NR	680 f/cc (AM)	2.5th: 20 f/cc; 97.5th: 3760 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Q1 Distribution Q reservoir inlet (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 3810-4320 f/cc LOQ: Not Reported	NR	NR	680 f/cc (AM)	2.5th: 20 f/cc; 97.5th: 3760 f/cc;	NR; NR;
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Finished drinking water from Q2 Distribution Q reservoir outlet with asbestos cement distribution system (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 810-860 f/cc LOQ: Not Reported	NR	NR	140 f/cc (AM)	2.5th: 3 f/cc; 97.5th: 770 f/cc;	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Finished drinking water from Q2 Distribution Q reservoir outlet with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 810-860 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R3 Water Treatment Works R treated water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 180-340 f/cc LOQ: Not Reported	NR	NR	40 f/cc (AM)	2.5th: 1 f/cc; 97.5th: 220 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R3 Water Treatment Works R treated water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 180-340 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: S2 Water Treatment Works S treated water (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 850-4200 f/cc LOQ: Not Reported	POINT VALUE(S): [11200 f/cc; 850 f/cc]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: S2 Water Treatment Works S treated water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 850-4200 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: G1 Distribution G treated water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 430-820 f/cc LOQ: Not Reported	POINT VALUE(S): [0.00039 µg/L; ND]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from G2 Distribution G tap water with asbestos cement distribution system, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 410-430 f/cc LOQ: Not Reported	POINT VALUE(S): [0.000728 µg/L; ND]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: H1 Distribution H finished water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 770-820 f/cc LOQ: Not Reported	POINT VALUE(S): [0.00454 µg/L; ND]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: H1 Distribution H finished water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 770-820 f/cc LOQ: Not Reported				POINT VALUE(S): [0.02 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from H2 Distribution H tap water sink 1 with asbestos cement distribution system, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 420-840 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00034 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from H3 Distribution H tap water sink 2 with asbestos cement distribution system, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 320-340 f/cc LOQ: Not Reported				POINT VALUE(S): [0.011 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: J1 Distribution J finished water, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 280-350 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00152 µg/L; 0.000601 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from J2 Distribution J tap water with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 330-790 f/cc LOQ: Not Reported				POINT VALUE(S): [0.029 µg/L; 0.00993 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: K1 Distribution K finished water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 330-350 f/cc LOQ: Not Reported				POINT VALUE(S): [0.031 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from K2 Distribution K tap water with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 330-390 f/cc LOQ: Not Reported				POINT VALUE(S): [0.000269 µg/L; 0.00313 µg/L]	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: L2 Distribution L finished water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 90-170 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00934 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L4 Distribution L storage tank occupied flat with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 150 f/cc LOQ: Not Reported				POINT VALUE(S): [0.000261 µg/L; 0.00131 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L5 Distribution L kitchen tap water with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 170 f/cc LOQ: Not Reported				POINT VALUE(S): [0.000171 µg/L; 0.000558 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L5 Distribution L kitchen tap water with asbestos cement distribution system, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 170 f/cc LOQ: Not Reported				POINT VALUE(S): [0.000727 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from L6 Distribution L storage tank unoccupied flat with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 190-1250 f/cc LOQ: Not Reported				POINT VALUE(S): [0.126 µg/L; 2.04 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from M2 Distribution M service tank with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 860-1460 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00353 µg/L; 0.00137 µg/L]	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from M3 Distribution M tap water museum with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 430-860 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00586 µg/L; 0.114 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from M4 Distribution M tap water public convenience with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 440-880 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00545 µg/L; 0.000323 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: N1 Distribution N finished water, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 820-850 f/cc LOQ: Not Reported				POINT VALUE(S): [0.043 µg/L; 0.08 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from N2 Distribution N first kitchen tap with asbestos cement distribution system, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 780-870 f/cc LOQ: Not Reported				POINT VALUE(S): [0.000409 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from N3 Distribution N second kitchen tap with asbestos cement distribution system, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 830-840 f/cc LOQ: Not Reported				POINT VALUE(S): [0.000194 µg/L; 0.00238 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: P1 Distribution P finished water treatment works, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 160-310 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00125 µg/L; 0.000436 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: P1 Distribution P finished water treatment works, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 160-310 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00213 µg/L; ND]	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from P2 Distribution P service reservoir with asbestos cement distribution system, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 170-340 f/cc LOQ: Not Reported				POINT VALUE(S): [0.000219 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: P3 Distribution P kitchen tap water, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 330-340 f/cc LOQ: Not Reported				POINT VALUE(S): [0.000984 µg/L; 0.000237 µg/L]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: P3 Distribution P kitchen tap water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 330-340 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00243 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Q1 Distribution Q reservoir inlet, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 3810-4320 f/cc LOQ: Not Reported				POINT VALUE(S): [0.00591 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Q1 Distribution Q reservoir inlet, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 3810-4320 f/cc LOQ: Not Reported				POINT VALUE(S): [0.031 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Finished drinking water from Q2 Distribution Q reservoir outlet with asbestos cement distribution system, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 810-860 f/cc LOQ: Not Reported				POINT VALUE(S): [0.076 µg/L; ND]	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R3 Water Treatment Works R treated water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 180-340 f/cc LOQ: Not Reported				POINT VALUE(S): [0.013 µg/L; ND]	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: S2 Water Treatment Works S treated water, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 850-4200 f/cc LOQ: Not Reported	POINT VALUE(S): [0.027 µg/L; 0.00427 µg/L]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water from M4 Distribution M tap water public convenience with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 440-880 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Drinking water form M2 Distribution M service tank with asbestos cement distribution system (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 860-1460 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: L3 Distribution L reservoir (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 150-310 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: L3 Distribution L reservoir (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 150-310 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Cooper et al. 1974 HERO ID: 6886427 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 2 - 10 µm long Marin County, CA; San Francisco County, CA; Alameda County, CA; Contra Costa County, CA; Burlingame City, CA; Redwood City, CA; Millbrae City, CA; Lawrence Livermore Laboratory; San Jose City, CA; Southern California, US Scenario: Drinking water from San Francisco office building (n = 2; DF = 1; Sampling Period: Jul., 1973 - Jul., 1974)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1000 f/cc; 200 f/cc]					
Cooper et al. 1974 HERO ID: 6886427 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 2 - 10 µm long Marin County, CA; San Francisco County, CA; Alameda County, CA; Contra Costa County, CA; Burlingame City, CA; Redwood City, CA; Millbrae City, CA; Lawrence Livermore Laboratory; San Jose City, CA; Southern California, US Scenario: Drinking water from effluent filter plants in Southern California (n = 3; DF = 0; Sampling Period: Jul., 1974)	LOD: 0.0000001-0.0000002 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Cooper et al. 1974 HERO ID: 6886427 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 2 - 10 µm long Marin County, CA; San Francisco County, CA; Alameda County, CA; Contra Costa County, CA; Burlingame City, CA; Redwood City, CA; Millbrae City, CA; Lawrence Livermore Laboratory; San Jose City, CA; Southern California, US Scenario: Drinking water from Burlingame City, Redwood City, Milbrae City, Lawrence Livermore Laboratory, and San Jose City taps (n = 5; DF = 0; Sampling Period: May, 1974 - Jul., 1974)	LOD: 0.0000001 - 0.0000002 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Cooper et al. 1974 HERO ID: 6886427 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 2 - 10 µm long Marin County, CA; San Francisco County, CA; Alameda County, CA; Contra Costa County, CA; Burlingame City, CA; Redwood City, CA; Millbrae City, CA; Lawrence Livermore Laboratory; San Jose City, CA; Southern California, US Scenario: Drinking water from filter plant effluent from Alameda and Contra Costa Counties (n = 3; DF = 0; Sampling Period: Jul., 1974)	LOD: 0.0000001 - 0.0000004 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Stewart et al. 1977 HERO ID: 6893858 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm King City, CA, US Scenario: Water faucet in laboratory at Union Carbide Mill (n = 1; DF = 0; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00025 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm King City, CA, US Scenario: Filtered distilled water blank at Union Carbide Mill (n = 1; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.13 f/cc]					
Argonne National Laboratory et al. 1979 HERO ID: 6896139 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 5µm Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Drinking water from cooling tower well water sites (n = 1; DF = 1; Sampling Period: May, 1976)	LOD: 120 f/cc LOQ: Not Reported	POINT VALUE(S): [500 f/cc]					

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Argonne National Laboratory et al. 1979 HERO ID: 6896139 <i>OQD:</i> Medium	Fiber Type: General; Size: 5µm Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Drinking water from cooling tower well water sites (n = 2; DF = 1; Sampling Period: Feb., 1976)	LOD: 47 f/cc LOQ: Not Reported	POINT VALUE(S): [140 f/cc]					
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: 1.0 µm New Jersey, US Scenario: Tap water from Mendham (n = 6; DF = 0.67; Sampling Period: Jun., 1982 - Oct., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [100 f/cc; 200 f/cc; 4700 f/cc; ND; 150 f/cc; ND]					
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.55 µm New Jersey, US Scenario: Tap water from Mendham (n = 6; DF = 0.17; Sampling Period: Jun., 1982 - Oct., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; ND; ND; 3440 f/cc; ND; ND]					
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 2.8 µm New Jersey, US Scenario: Tap water from Mendham (n = 6; DF = 0.17; Sampling Period: Jun., 1982 - Oct., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; ND; ND; ND; 150 f/cc; ND]					
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New Jersey, US Scenario: Tap water from Mendham (n = 6; DF = 1; Sampling Period: Jun., 1982 - Oct., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [100 f/cc; 200 f/cc; 4700 f/cc; 3620 f/cc; 300 f/cc; 300 f/cc]					
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 2.8 µm New Jersey, US Scenario: Tap water from Franklin resident's home (n = 2; DF = 1; Sampling Period: Jun., 1982)	LOD: Not Reported LOQ: Not Reported	NR	NR	500 f/cc (AM)	NR	NR; NR;	
Bonner et al. 1977 HERO ID: 6904986 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Brevard, NC, US Scenario: Drinking water from Brevard prior to filtration (n = 2; DF = 1; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [300 fibers counted; 0.075 f/cc; 78 fibers counted; 0.02 f/cc]					
Bonner et al. 1977 HERO ID: 6904986 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Brevard, NC, US Scenario: Drinking water from Brevard after filtration (n = 3; DF = 1; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [104 fibers counted; 0.023 f/cc; 350 fibers counted; 0.075 f/cc; 34 fibers counted; 0.007 f/cc]					

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Bonner et al. 1977 HERO ID: 6904986 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Knoxville, TN, US Scenario: Drinking water from Knoxville after filtration (n = 3; DF = 1; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [74 fibers counted; 0.015 f/cc; 16 fibers counted; 0.003 f/cc; 63 fibers counted; 0.013 f/cc]					
Bonner et al. 1977 HERO ID: 6904986 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Knoxville, TN, US Scenario: Drinking water from Knoxville prior to filtration (n = 4; DF = 0; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Boston, MA, US Scenario: Drinking water from Boston's raw water supply (n = 6; DF = 0.33; Sampling Period: Jul., 1975 - Mar., 1976)	LOD: 177.333 f/cc LOQ: Not Reported	NR	NR	2366.667 f/cc (AM)	NR	NR; NR;	
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Boston, MA, US Scenario: Drinking water from Boston's raw water supply, mass concentration (n = 6; DF = 0.33; Sampling Period: Jul., 1975 - Mar., 1976)	LOD: 177.333 f/cc LOQ: Not Reported	NR	NR	0.25 µg/L (AM)	NR	NR; NR;	
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Boston, MA, US Scenario: Drinking water from Boston's finished water supply (n = 5; DF = 0.6; Sampling Period: Jul., 1975 - Mar., 1976)	LOD: 156.8 f/cc LOQ: Not Reported	NR	NR	4500 f/cc (AM)	NR	NR; NR;	
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: NR Boston, MA, US Scenario: Drinking water from Boston's finished water supply (n = 1; DF = 1; Sampling Period: Jul., 1975 - Mar., 1976)	LOD: 280 f/cc LOQ: Not Reported	NR	NR	1400 f/cc (AM)	NR	NR; NR;	
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Boston, MA, US Scenario: Drinking water from Boston's finished water supply, mass concentration (n = 5; DF = 0.6; Sampling Period: Jul., 1975 - Mar., 1976)	LOD: 156.8 f/cc LOQ: Not Reported	NR	NR	18.42 µg/L (AM)	NR	NR; NR;	
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: NR Boston, MA, US Scenario: Drinking water from Boston's finished water supply, mass concentration (n = 1; DF = 1; Sampling Period: Jul., 1975 - Mar., 1976)	LOD: 280 f/cc LOQ: Not Reported	NR	NR	25.2 µg/L (AM)	NR	NR; NR;	

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U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Philadelphia, PA, US Scenario: Drinking water from Philadelphia's raw water supply (n = 16; DF = 0.75; Sampling Period: May, 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	66902.5 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Philadelphia, PA, US Scenario: Drinking water from Philadelphia's raw water supply (n = 1; DF = 1; Sampling Period: May, 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	6700 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Philadelphia, PA, US Scenario: Drinking water from Philadelphia's raw water supply, mass concentration (n = 16; DF = 0.75; Sampling Period: May, 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	18.19 μ g/L (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Philadelphia, PA, US Scenario: Drinking water from Philadelphia's raw water supply, mass concentration (n = 1; DF = 1; Sampling Period: May, 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.322 μ g/L (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Philadelphia, PA, US Scenario: Drinking water from Philadelphia's finished water supply (n = 16; DF = 0.69; Sampling Period: May, 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	16946.875 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Philadelphia, PA, US Scenario: Drinking water from Philadelphia's finished water supply, mass concentration (n = 16; DF = 0.69; Sampling Period: May, 1975 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.143 μ g/L (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Atlanta, GA, US Scenario: Drinking water from Atlanta's raw water supply (n = 3; DF = 0.67; Sampling Period: Apr., 1975 - Mar., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	14800 f/cc (AM)	NR	NR; NR;

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U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Atlanta, GA, US Scenario: Drinking water from Atlanta’s raw water supply, mass concentration (n = 3; DF = 0.67; Sampling Period: Apr., 1975 - Mar., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.125 $\mu\text{g/L}$ (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Atlanta, GA, US Scenario: Drinking water from Atlanta’s finished water supply (n = 4; DF = 0.5; Sampling Period: Apr., 1975 - Mar., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	5750 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Atlanta, GA, US Scenario: Drinking water from Atlanta’s finished water supply, mass concentration (n = 4; DF = 0.5; Sampling Period: Apr., 1975 - Mar., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.192 $\mu\text{g/L}$ (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Denver, CO, US Scenario: Drinking water from Denver’s raw water supply (n = 5; DF = 0.2; Sampling Period: Feb., 1975 - Sept., 1975)	LOD: 1220 f/cc LOQ: Not Reported	NR	NR	300 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Denver, CO, US Scenario: Drinking water from Denver’s raw water supply (n = 1; DF = 1; Sampling Period: Feb., 1975 - Sept., 1975)	LOD: 5000 f/cc LOQ: Not Reported	NR	NR	220 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Denver, CO, US Scenario: Drinking water from Denver’s raw water supply, mass concentration (n = 5; DF = 0.2; Sampling Period: Feb., 1975 - Sept., 1975)	LOD: 1220 f/cc LOQ: Not Reported	NR	NR	0.13 $\mu\text{g/L}$ (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Denver, CO, US Scenario: Drinking water from Denver’s raw water supply, mass concentration (n = 1; DF = 1; Sampling Period: Feb., 1975 - Sept., 1975)	LOD: 5000 f/cc LOQ: Not Reported	NR	NR	0.491 $\mu\text{g/L}$ (AM)	NR	NR; NR;

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U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Denver, CO, US Scenario: Drinking water from Denver’s finished water supply (n = 1; DF = 1; Sampling Period: Feb., 1975 - Sept., 1975)	LOD: 5000 f/cc LOQ: Not Reported	NR	NR	56 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Denver, CO, US Scenario: Drinking water from Denver’s finished water supply (n = 6; DF = 0; Sampling Period: Feb., 1975 - Sept., 1975)	LOD: 345 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Denver, CO, US Scenario: Drinking water from Denver’s finished water supply, mass concentration (n = 1; DF = 1; Sampling Period: Feb., 1975 - Sept., 1975)	LOD: 5000 f/cc LOQ: Not Reported	NR	NR	0.333 μg/L (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR San Francisco, CA, US Scenario: Drinking water from San Francisco’s raw water supply (n = 11; DF = 0.64; Sampling Period: Mar., 1975 - Sept., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	46432.727 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR San Francisco, CA, US Scenario: Drinking water from San Francisco’s raw water supply (n = 5; DF = 1; Sampling Period: Mar., 1975 - Sept., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	11132 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR San Francisco, CA, US Scenario: Drinking water from San Francisco’s raw water supply, mass concentration (n = 11; DF = 0.64; Sampling Period: Mar., 1975 - Sept., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	13.12 μg/L (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR San Francisco, CA, US Scenario: Drinking water from San Francisco’s raw water supply, mass concentration (n = 5; DF = 1; Sampling Period: Mar., 1975 - Sept., 1975)	LOD: Not Reported LOQ: Not Reported	NR	NR	9.314 μg/L (AM)	NR	NR; NR;

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U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Seattle, WA, US Scenario: Drinking water from Seattle's raw water supply (n = 3; DF = 0.33; Sampling Period: Sept., 1975)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	500 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Seattle, WA, US Scenario: Drinking water from Seattle's raw water supply (n = 1; DF = 1; Sampling Period: Sept., 1975)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	1900 f/cc (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Seattle, WA, US Scenario: Drinking water from Seattle's raw water supply, mass concentration (n = 3; DF = 0.33; Sampling Period: Sept., 1975)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	0.003 μ g/L (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Seattle, WA, US Scenario: Drinking water from Seattle's raw water supply, mass concentration (n = 1; DF = 1; Sampling Period: Sept., 1975)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	1.21 μ g/L (AM)	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR San Francisco, CA, US Scenario: Drinking water from San Francisco's finished water supply (n = 7; DF = 0; Sampling Period: Mar., 1975 - Sept., 1975)	LOD: 342.857 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Metropolitan Kansas City, US Scenario: Drinking water from Kansas City's finished water supply (n = 3; DF = 0; Sampling Period: Sept., 1975)	LOD: 480 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Metropolitan Kansas City, US Scenario: Drinking water from Kansas City's raw water supply (n = 3; DF = 0; Sampling Period: Sept., 1975)	LOD: 3300 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;

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Drinking Water

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Dallas, TX, US Scenario: Drinking water from Dallas’s finished water supply (n = 1; DF = 0; Sampling Period: Mar., 1975)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Dallas, TX, US Scenario: Drinking water from Dallas’s raw water supply (n = 1; DF = 0; Sampling Period: Mar., 1975)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Chicago, IL, US Scenario: Drinking water from Chicago’s finished water supply (n = 1; DF = 0; Sampling Period: Mar., 1975)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Chicago, IL, US Scenario: Drinking water from Chicago’s raw water supply (n = 1; DF = 0; Sampling Period: Mar., 1975)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR New York, NY, US Scenario: Drinking water from New York City’s finished water supply (n = 5; DF = 0; Sampling Period: Aug., 1975 - Oct., 1976)	LOD: 212 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
U.S. EPA et al. 1976 HERO ID: 6912600 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR New York, NY, US Scenario: Drinking water from New York City’s raw water supply (n = 7; DF = 0; Sampling Period: Aug., 1975 - Oct., 1976)	LOD: 250 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Asbestos

Monitoring

Dust (Indoor)

Table 3: Data Extraction Tables of Exposure Monitoring Studies for Dust (Indoor)

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ewing et al. 1999 HERO ID: 5685 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor dust from buildings with no surfacing ACM (n = 28; DF = NR; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	<240 s/cm2	210000 s/cm2	1000 s/cm2 (GM)	NR	NR; NR;
Ewing et al. 1999 HERO ID: 5685 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor dust from buildings with acoustical plaster ceilings (n = 34; DF = NR; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	<3500 s/cm2	74000000 s/cm2	160000 s/cm2 (GM)	NR	NR; NR;
Ewing et al. 1999 HERO ID: 5685 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor dust from surfaces below spray-applied friable asbestos-containing fireproofing (n = 41; DF = NR; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	7000 s/cm2	140000000 s/cm2	3600000 s/cm2 (GM)	NR	NR; NR;
Ewing et al. 1999 HERO ID: 5685 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor dust from surfaces above suspended asbestos-containing ceiling tiles (n = 93; DF = NR; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	<3500 s/cm2	220000000 s/cm2	3800000 s/cm2 (GM)	NR	NR; NR;
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor dust inside containment area (n = 8; DF = 1; Sampling Period: Summer, 1991)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [811 s/mm2; 78 s/mm2; 3 s/mm2; 3 s/mm2; 1 s/mm2; 1 s/mm2; 1 s/mm2; 1 s/mm2]				
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor dust outside containment area (n = 2; DF = 1; Sampling Period: Summer, 1991)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1 s/mm2; 1 s/mm2]				
Tang et al. 2004 HERO ID: 81890 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New York City, NY, US Scenario: Dust from living rooms and bedrooms in a city (microvacuum) (n = 143; DF = 0.1; Sampling Period: Aug., 2002 - Sept., 2002)	LOD: 633-3957 s/cm2 LOQ: Not Reported	3957 s/cm2	474864 s/cm2	6500 s/cm2 (AM)	NR	NR; NR;
Tang et al. 2004 HERO ID: 81890 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New York City, NY, US Scenario: Dust from living rooms and bedrooms in a city (wipe) (n = 104; DF = 0.13; Sampling Period: Aug., 2002 - Sept., 2002)	LOD: 1183-11832 s/cm2 LOQ: Not Reported	1188 s/cm2	83893 s/cm2	3100 s/cm2 (AM)	NR	NR; NR;

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Asbestos

Monitoring

Dust (Indoor)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Perkins et al. 2008 HERO ID: 2564341 <i>OQD: Medium</i>	Fiber Type: General,Tremolite,Actinolite; Size: NR MP 105 of the Dalton Highway, Alaska, US Scenario: Dust from RV living quarters, <10,000 structures/cm2 (n = 15; DF = 0.07; Sampling Period: Sept., 2008)	LOD: 0.003 or 0.004 f/cc LOQ: Not Reported	0 s/cm2	9,999 s/cm2	NR	NR	NR; NR;
Perkins et al. 2008 HERO ID: 2564341 <i>OQD: Medium</i>	Fiber Type: General,Tremolite,Actinolite; Size: NR MP 105 of the Dalton Highway, Alaska, US Scenario: Dust from worker equipment cabs, 10,000-100,000 structures/cm2 (n = 9; DF = 0.22; Sampling Period: Sept., 2008)	LOD: 0.003 or 0.004 f/cc LOQ: Not Reported	10,000 s/cm2	99,999 s/cm2	NR	NR	NR; NR;
Perkins et al. 2008 HERO ID: 2564341 <i>OQD: Medium</i>	Fiber Type: General,Tremolite,Actinolite; Size: NR MP 105 of the Dalton Highway, Alaska, US Scenario: Dust from RV living quarters, >100,000 structures/cm2 (n = 15; DF = 0.93; Sampling Period: Sept., 2008)	LOD: 0.003 or 0.004 f/cc LOQ: Not Reported	100,001 s/cm2	1,000,000 s/cm2	NR	NR	NR; NR;
Perkins et al. 2008 HERO ID: 2564341 <i>OQD: Medium</i>	Fiber Type: General,Tremolite,Actinolite; Size: NR MP 105 of the Dalton Highway, Alaska, US Scenario: Dust from worker equipment cabs, >100,000 structures/cm2 (n = 9; DF = 0.78; Sampling Period: Sept., 2008)	LOD: 0.003 or 0.004 f/cc LOQ: Not Reported	100,000 s/cm2	1,000,000 s/cm2	NR	NR	NR; NR;
Perkins et al. 2008 HERO ID: 2564341 <i>OQD: Medium</i>	Fiber Type: General,Tremolite,Actinolite; Size: NR MP 105 of the Dalton Highway, Alaska, US Scenario: Dust from worker equipment cabs, <10,000 structures/cm2 (n = 9; DF = 0; Sampling Period: Sept., 2008)	LOD: 0.003 or 0.004 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Perkins et al. 2008 HERO ID: 2564341 <i>OQD: Medium</i>	Fiber Type: General,Tremolite,Actinolite; Size: NR MP 105 of the Dalton Highway, Alaska, US Scenario: Dust from RV living quarters, 10,000-100,000 structures/cm2 (n = 15; DF = 0; Sampling Period: Sept., 2008)	LOD: 0.003 or 0.004 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Wade et al. 2013 HERO ID: 2641741 <i>OQD: Medium</i>	Fiber Type: General; Size: 0.45um Bastrop, TX, US Scenario: Dust from window sills and soft surfaces of burnt residential areas (n = 6; DF = 0; Sampling Period: Sept., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Wade et al. 2013 HERO ID: 2641741 <i>OQD: Medium</i>	Fiber Type: General; Size: 0.45um Bastrop, TX, US Scenario: Dust from area downwind of Bastrop fire boundary (n = 5; DF = 0; Sampling Period: Sept., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Wade et al. 2013 HERO ID: 2641741 <i>OQD: Medium</i>	Fiber Type: General; Size: 0.45um Bastrop, TX, US Scenario: Dust from area upwind of Bastrop fire boundary (n = 4; DF = 0; Sampling Period: Sept., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Dust (Indoor)

Table 3 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Baseline carpet samples with conventional dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.6 billions/ft2 (GM)	2.5th: 0.85 billions/ft2; 97.5th: 3.1 billions/ft2;	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Baseline carpet samples with HEPA-filtered dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.1 billions/ft2 (GM)	2.5th: 0.28 billions/ft2; 97.5th: 4 billions/ft2;	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Baseline carpet samples with hot water (wet) vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	2 billions/ft2 (GM)	2.5th: 1.1 billions/ft2; 97.5th: 3.5 billions/ft2;	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Carpet samples after 1st cleaning with conventional dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.1 billions/ft2 (GM)	2.5th: 1.2 billions/ft2; 97.5th: 3.7 billions/ft2;	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Carpet samples after 1st cleaning with HEPA-filtered dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.3 billions/ft2 (GM)	2.5th: 0.39 billions/ft2; 97.5th: 4.3 billions/ft2;	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Carpet samples after 1st cleaning with hot water (wet) vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.85 billions/ft2 (GM)	2.5th: 0.32 billions/ft2; 97.5th: 2.3 billions/ft2;	NR; NR;

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Asbestos

Monitoring

Dust (Indoor)

Table 3 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Carpet samples after 2nd cleaning with conventional dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.3 billions/ft2 (GM)	2.5th: 0.23 billions/ft2; 97.5th: 7.3 billions/ft2;	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Carpet samples after 2nd cleaning with HEPA-filtered dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.4 billions/ft2 (GM)	2.5th: 0.82 billions/ft2; 97.5th: 2.4 billions/ft2;	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Carpet samples after 2nd cleaning with hot water (wet) vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.88 billions/ft2 (GM)	2.5th: 0.24 billions/ft2; 97.5th: 3.3 billions/ft2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 5 µm Los Angeles, California, US Scenario: Household indoor surface dust (n = 832; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	1090 f/cm2 (AM)	10th: 191 f/cm2; 50th: 637 f/cm2; 90th: 2390 f/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 5 µm Los Angeles, California, US Scenario: Household indoor surface dust (SEM all fibers) (n = 1837; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	1670 f/cm2 (AM)	10th: 76.6 f/cm2; 50th: 1150 f/cm2; 90th: 4100 f/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 5 µm Los Angeles, California, US Scenario: Household indoor surface dust (SEM asbestos) (n = 1837; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	10.7 f/cm2 (AM)	10th: 0 f/cm2; 50th: 0 f/cm2; 90th: 0 f/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 5 µm Los Angeles, California, US Scenario: Household outdoor surface dust (n = 84; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	530 f/cm2 (AM)	10th: 153 f/cm2; 50th: 383 f/cm2; 90th: 1090 f/cm2;	NR; NR;

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Asbestos

Monitoring

Dust (Indoor)

Table 3 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor surface dust (SEM all fibers) (n = 181; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	1560 f/cm2 (AM)	10th: 45.9 f/cm2; 50th: 958 f/cm2; 90th: 3510 f/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor surface dust (SEM asbestos) (n = 181; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	6.8 f/cm2 (AM)	10th: 0 f/cm2; 50th: 0 f/cm2; 90th: 0 f/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor surface dust (D5755 structures) (n = 489; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	1130 s/cm2 (AM)	10th: 0 s/cm2; 50th: 0 s/cm2; 90th: 1340 s/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor surface dust (D5756 structures) (n = 199; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	17800 s/cm2 (AM)	10th: 0 s/cm2; 50th: 1770 s/cm2; 90th: 41600 s/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor surface dust (D5755 structures) (n = 68; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	2360 s/cm2 (AM)	10th: 0 s/cm2; 50th: 0 s/cm2; 90th: 1300 s/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor surface dust (D5756 structures) (n = 88; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	10600 s/cm2 (AM)	10th: 0 s/cm2; 50th: 2410 s/cm2; 90th: 18600 s/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor surface dust (D5755 fibers) (n = 485; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	69.6 f/cm2 (AM)	10th: 0 f/cm2; 50th: 0 f/cm2; 90th: 0 f/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor surface dust (D5756 fibers) (n = 146; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	3100 f/cm2 (AM)	10th: 0 f/cm2; 50th: 0 f/cm2; 90th: 4910 f/cm2;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor surface dust (D5755 fibers) (n = 66; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	16.4 f/cm2 (AM)	10th: 0 f/cm2; 50th: 0 f/cm2; 90th: 0 f/cm2;	NR; NR;

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Asbestos

Monitoring

Dust (Indoor)

Table 3 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Lee et al. 1999 HERO ID: 6878182 OQD: Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household outdoor surface dust (D5756 fibers) (n = 67; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	1920 f/cm2 (AM)	10th: 0 f/cm2; 50th: 0 f/cm2; 90th: 2430 f/cm2;	NR; NR;	
Crankshaw et al. 1999 HERO ID: 6878183 OQD: Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust (basement, microvacuum sample) (n = 4; DF = NR; Sampling Period: 1998)	LOD: 240 s/cm2 LOQ: Not Reported	POINT VALUE(S): [62000 s/cm2; 6800000 s/cm2; 350000 s/cm2; 120000 s/cm2]					
Crankshaw et al. 1999 HERO ID: 6878183 OQD: Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust (basement, wipe sample) (n = 4; DF = NR; Sampling Period: 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [210000 s/cm2; 7000000 s/cm2; 600000 s/cm2; 310000 s/cm2]					
Crankshaw et al. 1999 HERO ID: 6878183 OQD: Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust (basement, passive sample) (n = 5; DF = NR; Sampling Period: 1998)	LOD: 330 s/cm2 LOQ: Not Reported	POINT VALUE(S): [77000 s/cm2; 150000 s/cm2; 42000 s/cm2; 14000 s/cm2; 280000 s/cm2]					
Crankshaw et al. 1999 HERO ID: 6878183 OQD: Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust, Residence 1 (microvacuum sample) (n = 3; DF = NR; Sampling Period: 1998)	LOD: 240 s/cm2 LOQ: Not Reported	POINT VALUE(S): [7100 s/cm2; 11000 s/cm2; 240 s/cm2]					
Crankshaw et al. 1999 HERO ID: 6878183 OQD: Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust, Residence 1 (wipe sample) (n = 3; DF = NR; Sampling Period: 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [5300 s/cm2; 4900 s/cm2; 1800 s/cm2]					
Crankshaw et al. 1999 HERO ID: 6878183 OQD: Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust, Residence 1 (passive sample) (n = 3; DF = NR; Sampling Period: 1998)	LOD: 330 s/cm2 LOQ: Not Reported	POINT VALUE(S): [11000 s/cm2; 7000 s/cm2; 13000 s/cm2]					
Crankshaw et al. 1999 HERO ID: 6878183 OQD: Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust, Residence 2 (microvacuum sample) (n = 3; DF = NR; Sampling Period: 1998)	LOD: 240 s/cm2 LOQ: Not Reported	POINT VALUE(S): [16000 s/cm2; 6700 s/cm2; 440 s/cm2]					
Crankshaw et al. 1999 HERO ID: 6878183 OQD: Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust, Residence 2 (wipe sample) (n = 3; DF = NR; Sampling Period: 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [23000 s/cm2; 3600 s/cm2; 890 s/cm2]					

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Monitoring

Table 3 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Crankshaw et al. 1999 HERO ID: 6878183 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor household dust, Residence 2 (passive sample) (n = 6; DF = NR; Sampling Period: 1998)	LOD: 330 s/cm2 LOQ: Not Reported	POINT VALUE(S): [650 s/cm2; 330 s/cm2; 330 s/cm2; <330 s/cm2; <330 s/cm2; 650 s/cm2]					

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Monitoring

Groundwater

Table 4: Data Extraction Tables of Exposure Monitoring Studies for Groundwater

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Ground water near Foster with no known pollution source (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [4700 f/cc; 4200 f/cc; 2900 f/cc; 5800 f/cc; 9 f/10 grid squares; 8 f/10 grid squares; 7 f/10 grid squares; 14 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Ground water near Brigham with asbestos-bearing railway ballast (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [19400 f/cc; 2200 f/cc; 40 f/10 grid squares; 5 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Ground water near Sutton with asbestos-bearing railway ballast (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [23000 f/cc; 12000 f/cc; 58 f/10 grid squares; 58 f/10 grid squares]					
Hayward et al. 1984 HERO ID: 3585730 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR San Luis Obispo, CA, US Scenario: Groundwater from a well near natural erosion of serpentine (n = 7; DF = 1; Sampling Period: Mar., 1982 - Jun., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2600 f/cc; 101000 f/cc; 23000 f/cc; 170000 f/cc; 150000 f/cc; 160000 f/cc; 47000 f/cc; 3100000 f/cc]					
ATSDR et al. 2012 HERO ID: 3970349 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 μ m Borough of Ambler, Montgomery County, PA, US Scenario: Groundwater from a piezometer device at a pile near an ACM disposal site (n = 6; DF = 1; Sampling Period: Nov., 2010 - Jun., 2011)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [4008000 f/cc; 1211000 f/cc; 19952000 f/cc; 9441000 f/cc; 19315000 f/cc; 34204000 f/cc]					
ATSDR et al. 2012 HERO ID: 3970349 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 μ m Borough of Ambler, Montgomery County, PA, US Scenario: Groundwater from monitoring wells at a reservoir near an ACM disposal site (n = 2; DF = 0.5; Sampling Period: Nov., 2010 - Jun., 2011)	LOD: 200 f/cc LOQ: Not Reported	POINT VALUE(S): [<200 f/cc; 510 f/cc]					
ATSDR et al. 2012 HERO ID: 3970349 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 μ m Borough of Ambler, Montgomery County, PA, US Scenario: Groundwater from monitoring wells at a park near an ACM disposal site (n = 3; DF = 0; Sampling Period: Nov., 2010 - Jun., 2011)	LOD: 200 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
ATSDR et al. 2012 HERO ID: 3970349 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm Borough of Ambler, Montgomery County, PA, US Scenario: Groundwater from monitoring wells in a pile near an ACM disposal site (n = 4; DF = 0.25; Sampling Period: Nov., 2010 - Jun., 2011)	LOD: 200 f/cc LOQ: Not Reported	POINT VALUE(S): [<200 f/cc; 200 f/cc; <200 f/cc; <200 f/cc]					
ATSDR et al. 2012 HERO ID: 3970349 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm Borough of Ambler, Montgomery County, PA, US Scenario: Groundwater from a piezometer device at a park near an ACM disposal site (n = 8; DF = 1; Sampling Period: 2009 - 2010)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3384000 f/cc; 6057000 f/cc; 7838000 f/cc; 1247000 f/cc; 4547000 f/cc; 2565000 f/cc; 2076000 f/cc; 1440000 f/cc]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Ground water from T1 System T water supply pumping station near landfill with potential asbestos waste (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 170-4350 f/cc LOQ: Not Reported	POINT VALUE(S): [1450 f/cc; 170 f/cc]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Ground water from T1 System T water supply pumping station near landfill with potential asbestos waste (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 170-4350 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T2 System T northernmost observation borehole 1 near landfill with potential asbestos waste (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 4320-8550 f/cc LOQ: Not Reported	NR	NR	8610 f/cc (AM)	2.5th: 3940 f/cc; 97.5th: 16340 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T2 System T northernmost observation borehole 1 near landfill with potential asbestos waste (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 4320-8550 f/cc LOQ: Not Reported	NR	NR	960 f/cc (AM)	2.5th: 20 f/cc; 97.5th: 5330 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T3 System T southernmost observation borehole 2 near landfill with potential asbestos waste (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 4200-4380 f/cc LOQ: Not Reported	NR	NR	11440 f/cc (AM)	2.5th: 6540 f/cc; 97.5th: 18570 f/cc;	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T3 System T southernmost observation borehole 2 near landfill with potential asbestos waste (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 4200-4380 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T4 System T easternmost observation borehole 3 near landfill with potential asbestos waste (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 910-4290 f/cc LOQ: Not Reported	POINT VALUE(S): [1820 f/cc; 7150 f/cc]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T4 System T easternmost observation borehole 3 near landfill with potential asbestos waste (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 910-4290 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Ground water from T1 System T water supply pumping station near landfill with potential asbestos waste, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 170-4350 f/cc LOQ: Not Reported	POINT VALUE(S): [0.00471 µg/L; 0.00102 µg/L]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T2 System T northernmost observation borehole 1 near landfill with potential asbestos waste, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 4320-8550 f/cc LOQ: Not Reported	POINT VALUE(S): [0.049 µg/L; 0.128 µg/L]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T2 System T northernmost observation borehole 1 near landfill with potential asbestos waste, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 4320-8550 f/cc LOQ: Not Reported	POINT VALUE(S): [0.112 µg/L; ND]					
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T3 System T southernmost observation borehole 2 near landfill with potential asbestos waste, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 4200-4380 f/cc LOQ: Not Reported	POINT VALUE(S): [0.052 µg/L; 0.053 µg/L]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Conway et al. 1984 HERO ID: 6883124 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: Groundwater from T4 System T easternmost observation borehole 3 near landfill with potential asbestos waste, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 910-4290 f/cc LOQ: Not Reported				POINT VALUE(S): [0.025 µg/L; 0.063 µg/L]	
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New Jersey, US Scenario: Groundwater well water from High Bridge (n = 1; DF = 1; Sampling Period: Jun., 1982)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [45 f/cc]	
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.55 µm New Jersey, US Scenario: Groundwater well water from High Bridge (n = 1; DF = 0; Sampling Period: Jun., 1982)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [ND]	
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 2.8 µm New Jersey, US Scenario: Groundwater well water from High Bridge (n = 1; DF = 0; Sampling Period: Jun., 1982)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [ND]	
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: 1.0 µm New Jersey, US Scenario: Groundwater well water from High Bridge (n = 1; DF = 1; Sampling Period: Jun., 1982)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [ND]	
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: 1.0 µm New Jersey, US Scenario: Groundwater well water from Mendham (n = 7; DF = 0.57; Sampling Period: Jan., 1981 - Aug., 1982)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [ND; ND; 800 f/cc; ND; 960 f/cc; 800 f/cc; 240 f/cc]	
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 2.8 µm New Jersey, US Scenario: Groundwater well water from Mendham (n = 7; DF = 0.71; Sampling Period: Jan., 1981 - Aug., 1982)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [ND; 1600 f/cc; n.d. f/cc; 1800 f/cc; 310 f/cc; ND; ND]	
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.55 µm New Jersey, US Scenario: Groundwater well water from Mendham (n = 7; DF = 0.86; Sampling Period: Jan., 1981 - Aug., 1982)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [1090 f/cc; 1680 f/cc; 360 f/cc; 1600 f/cc; 1200 f/cc; ND; 240 f/cc]	
Puffer et al. 1983 HERO ID: 6900895 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New Jersey, US Scenario: Groundwater well water from Mendham (n = 7; DF = 0.86; Sampling Period: Jan., 1981 - Aug., 1982)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [3290 f/cc; 2950 f/cc; 410 f/cc; 4200 f/cc; 3700 f/cc; ND; 480 f/cc]	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Yoon et al. 2020 HERO ID: 6908584 <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Groundwater samples taken within project area (n = 16; DF = 0; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Table 5: Data Extraction Tables of Exposure Monitoring Studies for Indoor Air

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm JP Scenario: Indoor air inside School Room (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.004 f/cc LOQ: Not Reported	0.018 f/cc	0.026 f/cc	NR	NR	NR; NR;
Sawyer et al. 1977 HERO ID: 180 OQD: Low	Fiber Type: General; Size: >5µm New Haven, CT, US Scenario: Indoor air during quiet conditions (n = 15; DF = NR; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.02 f/cc (GM)	NR	0.02 f/cc (ASD); NR;
Sawyer et al. 1977 HERO ID: 180 OQD: Low	Fiber Type: General; Size: >5µm New Haven, CT, US Scenario: Indoor air during usual activity (n = 36; DF = NR; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.2 f/cc (GM)	NR	0.1 f/cc (ASD); NR;
Sawyer et al. 1977 HERO ID: 180 OQD: Low	Fiber Type: General; Size: >5µm New Haven, CT, US Scenario: Indoor air during dry sweeping (n = 5; DF = NR; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.6 f/cc (GM)	NR	0.7 f/cc (ASD); NR;
Sawyer et al. 1977 HERO ID: 180 OQD: Low	Fiber Type: General; Size: >5µm New Haven, CT, US Scenario: Indoor air during dry dusting (n = 6; DF = NR; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	NR	NR	4 f/cc (GM)	NR	1.3 f/cc (ASD); NR;
Sebastien et al. 1982 HERO ID: 185 OQD: Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: NR Paris, FR Scenario: Indoor air in an office building with asbestos-sprayed ceilings and asbestos-containing floor tiles (n = 4; DF = 1; Sampling Period: Dec., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.2 ng/m ³ ; 0.5 ng/m ³ ; 0.9 ng/m ³ ; 33 ng/m ³]				
Sebastien et al. 1982 HERO ID: 185 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Paris, FR Scenario: Indoor air in an office building with asbestos-sprayed ceilings and asbestos-containing floor tiles (n = 4; DF = 1; Sampling Period: Dec., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [8 ng/m ³ ; 21 ng/m ³ ; 25 ng/m ³ ; 170 ng/m ³]				
Nicholson et al. 1978 HERO ID: 252 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 9, School 1) with damaged asbestos-sprayed material fallen to the floor (n = 3; DF = 1; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [320 ng/m ³ ; 80 ng/m ³ ; 53 ng/m ³]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 20, School 1) with damaged asbestos material but without debris (n = 3; DF = 1; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [43 ng/m ³ ; 280 ng/m ³ ; 26 ng/m ³]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 115, School 2) with water-damaged asbestos-sprayed ceiling (n = 2; DF = 1; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1950 ng/m ³ ; 230 ng/m ³]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 20, School 1) 1 month after completion of sealing of asbestos material (n = 2; DF = 1; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [340 ng/m ³ ; 80 ng/m ³]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 20, School 1) 4 months after completion of sealing of asbestos material (n = 2; DF = 0.5; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; 50 ng/m ³]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 72, School 3) 2 days after sealing of asbestos material (n = 2; DF = 0.5; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [65 ng/m ³ ; ND]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 72, School 3) 1 month after sealing of asbestos material (n = 2; DF = 1; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [11 ng/m ³ ; 8 ng/m ³]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 72, School 3) 1 month after removal of asbestos material (n = 2; DF = 0.5; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; 90 ng/m ³]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR NJ, US Scenario: Indoor air from a school (District 9, School 1) 2 days after removal of asbestos material (n = 2; DF = 1; Sampling Period: 1977)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [5 ng/m ³ ; 14 ng/m ³]					
Burdett et al. 1986 HERO ID: 274 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: >5 µm GB Scenario: Indoor air in non-domestic buildings containing known asbestos materials (n = 114; DF = NR; Sampling Period: Feb., 1983 - Jun., 1985)	LOD: Not Reported LOQ: 0.0004-0.015 f/cc	<LOQ	0.012 f/cc	0.002 f/cc (AM)	NR	NR; NR;	
Burdett et al. 1986 HERO ID: 274 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: >5 µm GB Scenario: Indoor air in domestic buildings containing known asbestos materials (n = 35; DF = NR; Sampling Period: Dec., 1983 - Jun., 1985)	LOD: Not Reported LOQ: 0.0004-0.015 f/cc	<LOQ	0.002 f/cc	0.0007 f/cc (AM)	NR	NR; NR;	
Burdett et al. 1986 HERO ID: 274 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: >5 µm GB Scenario: Indoor air in buildings with warm air heaters containing known asbestos materials (n = 81; DF = NR; Sampling Period: Nov., 1983 - Feb., 1985)	LOD: Not Reported LOQ: 0.0004-0.015 f/cc	<LOQ	0.003 f/cc	0.002 f/cc (AM)	NR	NR; NR;	
Burdett et al. 1986 HERO ID: 274 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm GB Scenario: Indoor air in buildings/electric warm air heaters without asbestos materials (n = 19; DF = NR; Sampling Period: Dec., 1984 - Sept., 1984)	LOD: Not Reported LOQ: 0.0004-0.015 f/cc	<LOQ	0.003 f/cc	<LOQ	NR	NR; NR;	
Burdett et al. 1986 HERO ID: 274 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: All sizes GB Scenario: Indoor air in non-domestic buildings containing asbestos (all fiber sizes) (n = 114; DF = NR; Sampling Period: Feb., 1983 - Jun., 1985)	LOD: Not Reported LOQ: 0.0004-0.015 f/cc	<LOQ	0.25 f/cc	0.04 f/cc (AM)	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Burdett et al. 1986 HERO ID: 274 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: All sizes GB Scenario: Indoor air in domestic buildings containing asbestos (all fiber sizes) (n = 35; DF = NR; Sampling Period: Dec., 1983 - Jun., 1985)	LOD: Not Reported LOQ: 0.0004-0.015 f/cc	<LOQ	0.03 f/cc	0.013 f/cc (AM)	NR	NR; NR;
Burdett et al. 1986 HERO ID: 274 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: All sizes GB Scenario: Indoor air in buildings with warm air heaters containing asbestos (all fiber sizes) (n = 81; DF = 0; Sampling Period: Nov., 1983 - Feb., 1985)	LOD: Not Reported LOQ: 0.0004-0.015 f/cc	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1986 HERO ID: 274 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes GB Scenario: Indoor air in buildings/electric warm air heaters without asbestos materials (all fiber sizes) (n = 19; DF = 0; Sampling Period: Dec., 1984 - Sept., 1984)	LOD: Not Reported LOQ: 0.0004-0.015 f/cc	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1986 HERO ID: 274 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes GB Scenario: Indoor air at sites with spray asbestos insulation - friable (n = 3; DF = 0; Sampling Period: Feb., 1983)	LOD: Not Reported LOQ: 0.1 ng/m ³	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1986 HERO ID: 274 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: All sizes GB Scenario: Indoor air at sites with spray asbestos insulation - sealed friable (n = 21; DF = NR; Sampling Period: Aug., 1983 - Aug., 1984)	LOD: Not Reported LOQ: 0.1 ng/m ³	<LOQ	26 ng/m ³	7 ng/m ³ (AM)	NR	NR; NR;
Burdett et al. 1986 HERO ID: 274 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: All sizes GB Scenario: Indoor air at sites with spray asbestos insulation - damaged friable (n = 4; DF = NR; Sampling Period: Mar., 1984)	LOD: Not Reported LOQ: 0.1 ng/m ³	<LOQ	0.5 ng/m ³	0.2 ng/m ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Burdett et al. 1986 HERO ID: 274 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: All sizes GB Scenario: Indoor air at sites with spray asbestos insulation - part enclosed friable (n = 39; DF = 0; Sampling Period: Apr., 1984 - Jun., 1984)	LOD: Not Reported LOQ: 0.1 ng/m ³	NR	NR	<LOQ	NR	NR; NR;	
Burdett et al. 1986 HERO ID: 274 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: All sizes GB Scenario: Indoor air at sites with spray asbestos insulation - enclosed friable (n = 36; DF = NR; Sampling Period: Dec., 1983 - Jun., 1985)	LOD: Not Reported LOQ: 0.1 ng/m ³	<LOQ	65 ng/m ³	15 ng/m ³ (AM)	NR	NR; NR;	
Altree-Williams et al. 1985 HERO ID: 295 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: length > 5 µm AU Scenario: Indoor air from asbestos-containing office and plant buildings (n = 193; DF = 0.16; Sampling Period: 1985)	LOD: 0.001 f/mL LOQ: Not Reported	<LOD	0.022 f/cc	0.00033 f/cc (AM)	NR	NR; NR;	
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 1 (n = 1; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.002 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.002 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 5 (n = 4; DF = 0.25; Sampling Period: Summer, 1991)	LOD: 0.005 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.019 f/cm ³ ; 0.005 f/cm ³ ; 0.005 f/cm ³ ; 0.005 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 6 (n = 6; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.001 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.002 f/cm ³ ; 0.004 f/cm ³ ; 0.001 f/cm ³ ; 0.001 f/cm ³ ; 0.001 f/cm ³ ; 0.001 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 8 (n = 3; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.001 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.001 f/cm ³ ; 0.002 f/cm ³ ; 0.005 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 9 (n = 5; DF = 0.8; Sampling Period: Summer, 1991)	LOD: 0.005 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.001 f/cm ³ ; 0.004 f/cm ³ ; 0.013 f/cm ³ ; 0.002 f/cm ³ ; 0.005 f/cm ³]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 10 (n = 5; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.001 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.002 f/cm ³ ; 0.009 f/cm ³ ; 0.004 f/cm ³ ; 0.014 f/cm ³ ; 0.007 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 11 (n = 5; DF = 0.8; Sampling Period: Summer, 1991)	LOD: 0.001 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.003 f/cm ³ ; 0.005 f/cm ³ ; 0.006 f/cm ³ ; 0.001 f/cm ³ ; 0.001 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 12 (n = 2; DF = 0.5; Sampling Period: Summer, 1991)	LOD: 0.002 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.002 f/cm ³ ; 0.002 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 13 (n = 6; DF = 0.83; Sampling Period: Summer, 1991)	LOD: 0.003 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.003 f/cm ³ ; 0.003 f/cm ³ ; 0.001 f/cm ³ ; 0.001 f/cm ³ ; 0.001 f/cm ³ ; 0.001 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 14 (n = 4; DF = 0.75; Sampling Period: Summer, 1991)	LOD: 0.001 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.002 f/cm ³ ; 0.001 f/cm ³ ; 0.001 f/cm ³ ; 0.002 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air outside containment area - Day 15 (n = 5; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.001 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.002 f/cm ³ ; 0.001 f/cm ³ ; 0.004 f/cm ³ ; 0.01 f/cm ³ ; 0.001 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air inside containment area - Day 5 (n = 2; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.005 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.009 f/cm ³ ; 0.005 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air inside containment area - Day 6 (n = 1; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.004 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.005 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air inside containment area - Day 12 (n = 1; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.004 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.007 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air inside containment area - Day 13 (n = 3; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.004 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.003 f/cm ³ ; 0.005 f/cm ³ ; 0.005 f/cm ³]					

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Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air inside containment area - Day 14 (n = 2; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.004 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.008 f/cm ³ ; 0.002 f/cm ³]					
Lange et al. 1993 HERO ID: 28699 <i>OQD:</i> Medium	Fiber Type: General; Size: NR PA, US Scenario: Indoor air inside containment area - Day 15 (n = 3; DF = 1; Sampling Period: Summer, 1991)	LOD: 0.004 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.004 f/cm ³ ; 0.007 f/cm ³ ; 0.011 f/cm ³]					
Tang et al. 2004 HERO ID: 81890 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New York City, NY, US Scenario: Indoor air from living rooms and bedrooms in a city (PCM) (n = 50; DF = 0.42; Sampling Period: Aug., 2002 - Sept., 2002)	LOD: 0.001 f/cm ³ LOQ: Not Reported	0.001 f/cm ³	0.005 f/cm ³	0.002 f/cm ³ (AM)	NR	NR; NR;	
Tang et al. 2004 HERO ID: 81890 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New York City, NY, US Scenario: Indoor air from living rooms and bedrooms in a city (TEM AHERA) (n = 48; DF = 0.04; Sampling Period: Aug., 2002 - Sept., 2002)	LOD: 0.0004- 0.0005 s/cm ³ LOQ: Not Reported	0.0004 s/cm ³	0.0004 s/cm ³	0.0004 s/cm ³ (AM)	NR	NR; NR;	
Tang et al. 2004 HERO ID: 81890 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New York City, NY, US Scenario: Indoor air from living rooms and bedrooms in a city (TEM PCMe) (n = 48; DF = 0.04; Sampling Period: Aug., 2002 - Sept., 2002)	LOD: 0.0004- 0.0005 s/cm ³ LOQ: Not Reported	0.0004 f/cm ³	0.0004 f/cm ³	0.0004 f/cm ³ (AM)	NR	NR; NR;	
Burdett et al. 1989 HERO ID: 745036 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 1) (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;	
Burdett et al. 1989 HERO ID: 745036 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite), Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 2) (n = 4; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.0005 f/mL (AM)	NR	NR; NR;	
Burdett et al. 1989 HERO ID: 745036 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 3) (n = 6; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0002 f/mL (AM)	NR	NR; NR;	

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Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 4) (n = 13; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 5) (n = 16; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 6) (n = 26; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0008 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 7) (n = 6; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.002 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 8) (n = 9; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0003 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 9) (n = 8; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0003 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 10) (n = 10; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0005 f/mL (AM)	NR	NR; NR;

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Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 11) (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0003 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from non-domestic buildings sprayed or trowelled asbestos insulation (Site 12) (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from domestic buildings sprayed asbestos plaster (Site 13) (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from domestic buildings sprayed asbestos plaster (Site 14) (n = 14; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.0004 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from domestic buildings sprayed asbestos plaster (Site 15) (n = 16; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.0007 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 16) (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.0003 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 17) (n = 9; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.002 f/mL (AM)	NR	NR; NR;

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Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 18) (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 19) (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 20) (n = 4; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 21) (n = 8; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.0001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 22) (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 23) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 24) (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;

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Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 25) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<LOQ	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 26) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.002 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 27) (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 28) (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 29) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 30) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 31) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;

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Burdett et al. 1989 HERO ID: 745036 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 32) (n = 4; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 <i>OQD: Medium</i>	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 33) (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 34) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 <i>OQD: Medium</i>	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 35) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 36) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 <i>OQD: Medium</i>	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 37) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 <i>OQD: Medium</i>	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 38) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters containing asbestos (Site 39) (n = 4; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters not containing asbestos (Site 40) (n = 8; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0003 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters not containing asbestos (Site 41) (n = 6; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: General; Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters not containing asbestos (Site 42) (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from buildings with warm air heaters not containing asbestos (Site 43) (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.001 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from schools with sprayed asbestos on ceilings (Site 7) (n = 11; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.0008 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from schools with sprayed asbestos on ceilings (Site 8) (n = 9; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0002 f/mL (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Burdett et al. 1989 HERO ID: 745036 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Amosite (asbestiform of mineral grunerite); Size: > 5 µm GB Scenario: Indoor air from schools with sprayed asbestos on ceilings (Site 9) (n = 9; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	0.0004 f/mL (AM)	NR	NR; NR;
Burdett et al. 1989 HERO ID: 745036 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm GB Scenario: Indoor air from schools with sprayed asbestos on ceilings (Site 10) (n = 8; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: 0.0001 f/mL	NR	NR	<0.0003 f/mL (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic with ZAI at the perimeter only when cleaning stored items in this attic - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.002 s/cc LOQ: Not Reported	NR	NR	0.08 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic with ZAI at the perimeter only when cleaning stored items in this attic - TEM > 5µm (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.002 s/cc LOQ: Not Reported	NR	NR	0.07 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic fully insulated with ZAI when cleaning the storage areas in this attic - TEM total (n = 9; DF = NR; Sampling Period: 2010)	LOD: 0.005 s/cc LOQ: Not Reported	NR	NR	0.63 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic fully insulated with ZAI when cleaning the storage areas in this attic - TEM > 5µm (n = 9; DF = NR; Sampling Period: 2010)	LOD: 0.005 s/cc LOQ: Not Reported	NR	NR	0.47 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of a living room with a ceiling of ZAI attic insulation when cutting a hole in its ceiling - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.62 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of a living room with a ceiling of ZAI attic insulation when cutting a hole in its ceiling - TEM > 5µm (n = 12; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.52 s/cc (AM)	NR	NR; NR;

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Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic when moving ZAI using WRG method (the manufacturer method) - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.002 s/cc LOQ: Not Reported	NR	NR	2.3 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic when moving ZAI using WRG method (the manufacturer method) - TEM>5um (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.002 s/cc LOQ: Not Reported	NR	NR	1.85 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic when moving ZAI using a homeowner method - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.003 s/cc LOQ: Not Reported	NR	NR	1.82 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic when moving ZAI using a homeowner method - TEM>5um (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.003 s/cc LOQ: Not Reported	NR	NR	1.47 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic when removing ZAI from the top of wall cavities with a shop vacuum - TEM total (n = 16; DF = NR; Sampling Period: 2010)	LOD: 0.0016 s/cc LOQ: Not Reported	NR	NR	0.77 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic when removing ZAI from the top of wall cavities with a shop vacuum - TEM>5um (n = 16; DF = NR; Sampling Period: 2010)	LOD: 0.0016 s/cc LOQ: Not Reported	NR	NR	0.53 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic with no activity, baseline 1 - TEM total (n = 22; DF = 0; Sampling Period: 2010)	LOD: 0.003 s/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Indoor air of an attic with no activity, baseline 1 - TEM >5um (n = 22; DF = 0; Sampling Period: 2010)	LOD: 0.003 s/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;

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Rey et al. 1993 HERO ID: 758976 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.9-1.2 microns Murato, Italy, IT Scenario: Indoor air from Murato village (n = 1; DF = 1; Sampling Period: Spring, 1992)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [6E-10 g/m ³]					
Rey et al. 1993 HERO ID: 758976 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.9-1.2 microns Murato, Italy, IT Scenario: Indoor air from Murato village (n = 1; DF = 1; Sampling Period: Spring, 1992)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.000000072 g/m ³]					
Rey et al. 1993 HERO ID: 758976 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.9-1.2 microns Vezzani, Italy, IT Scenario: Indoor air from Vezzani village (n = 1; DF = 1; Sampling Period: Spring, 1992)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3E-10 g/m ³]					
Rey et al. 1993 HERO ID: 758976 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.9-1.2 microns Vezzani, Italy, IT Scenario: Indoor air from Vezzani village (n = 1; DF = 1; Sampling Period: Spring, 1992)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.000000001 g/m ³]					
Hoppe et al. 2012 HERO ID: 1641797 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Cedar Rapids, IA, US Scenario: Indoor air of homes remediated after flooding by the Cedar River (n = 47; DF = 0.57; Sampling Period: Nov., 2008 - Apr., 2009)	LOD: Not Reported LOQ: Not Reported	ND	0.08 f/cc	0.03 f/cc (AM)	NR	0.02 f/cc (ASD); NR;	
Spear et al. 2012 HERO ID: 2558642 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Montana, US Scenario: Indoor air of homes with ACM (n = 248; DF = NR; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.016 f/mL (AM)	NR	0.014 f/mL (ASD); NR;	
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from public buildings - all asbestos structures (n = 590; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00232 s/mL (AM)	NR	0.00468 s/mL (ASD); NR;	
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from public buildings - AHERA structures (n = 590; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00131 s/mL (AM)	NR	0.00218 s/mL (ASD); NR;	

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Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from public buildings - all asbestos structures by mass concentration (n = 590; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	4.91 ng/m ³ (AM)	NR	40.43 ng/m ³ (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from commercial buildings - all asbestos structures (n = 746; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0019 s/mL (AM)	NR	0.00371 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from commercial buildings - AHERA structures (n = 746; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00126 s/mL (AM)	NR	0.00239 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from commercial buildings - all asbestos structures by mass concentration (n = 746; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.47 ng/m ³ (AM)	NR	14.07 ng/m ³ (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from residential buildings - all asbestos structures (n = 39; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00273 s/mL (AM)	NR	0.0024 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from residential buildings - AHERA structures (n = 39; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00176 s/mL (AM)	NR	0.00197 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from residential buildings - all asbestos structures by mass concentration (n = 39; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.39 ng/m ³ (AM)	NR	0.4 ng/m ³ (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from school buildings - all asbestos structures (n = 1615; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.02735 s/mL (AM)	NR	0.1024 s/mL (ASD); NR;

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Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from school buildings - AHERA structures (n = 1615; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.01265 s/mL (AM)	NR	0.04364 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from school buildings - all asbestos structures by mass concentration (n = 1615; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.36 ng/m ³ (AM)	NR	12.46 ng/m ³ (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from university buildings - all asbestos structures (n = 989; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00476 s/mL (AM)	NR	0.01326 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from university buildings - AHERA structures (n = 989; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00256 s/mL (AM)	NR	0.00662 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air from university buildings - all asbestos structures by mass concentration (n = 989; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.01 ng/m ³ (AM)	NR	4.32 ng/m ³ (ASD); NR;
Goung et al. 2015 HERO ID: 2835440 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Seoul, KR Scenario: Indoor air in screen golf course - lobby (n = 61; DF = 0; Sampling Period: Sept., 2013 - Nov., 2013)	LOD: 0.001 f/cc LOQ: 0.005 f/cc	<LOD	<LOQ	0.002 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Goung et al. 2015 HERO ID: 2835440 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Seoul, KR Scenario: Indoor air in screen golf course - game room (n = 61; DF = 0; Sampling Period: Sept., 2013 - Nov., 2013)	LOD: 0.001 f/cc LOQ: 0.005 f/cc	<LOD	<LOQ	0.002 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Tang et al. 2004 HERO ID: 3040729 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New York, New York, US Scenario: Indoor air from apartment complex across from WTC post-9/11 before cleaning (n = 57; DF = NR; Sampling Period: Jun., 2002 - Oct., 2002)	LOD: 0.0005 f/cm ³ LOQ: Not Reported	<LOD	23300 s/cm ³	22000 s/cm ³ (AM); 6320 s/cm ³ (GM)	50th: <LOD;	44000 s/cm ³ (ASD); NR;

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Tang et al. 2004 HERO ID: 3040729 <i>OQD:</i> Medium	Fiber Type: General; Size: NR New York, New York, US Scenario: Indoor air from apartment complex across from WTC post-9/11 after cleaning (n = 65; DF = NR; Sampling Period: Jun., 2002 - Oct., 2002)	LOD: Not Reported LOQ: Not Reported	<LOD	77600 s/cm ³	6670 s/cm ³ (AM); 3900 s/cm ³ (GM)	50th: 3170 s/cm ³ ;	11100 s/cm ³ (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 1 - APS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.004 f/cc	0.006 f/cc	0.005 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 1 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.006 f/cc	0.008 f/cc	0.006 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 2 - AFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.005 f/cc	0.006 f/cc	0.006 f/cc (AM)	NR	0 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 2 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.005 f/cc	0.006 f/cc	0.006 f/cc (AM)	NR	0 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 3 - AFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.005 f/cc	0.022 f/cc	0.014 f/cc (AM)	NR	0.005 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 3 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.005 f/cc	0.022 f/cc	0.014 f/cc (AM)	NR	0.005 f/cc (ASD); NR;

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Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 4 - APS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.013 f/cc	0.018 f/cc	0.014 f/cc (AM)	NR	0.002 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 4 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.007 f/cc	0.007 f/cc	0.007 f/cc (AM)	NR	0 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 5 - APS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.03 f/cc	0.04 f/cc	0.036 f/cc (AM)	NR	0.004 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 5 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.034 f/cc	0.039 f/cc	0.036 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 6 - AFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.007 f/cc	0.01 f/cc	0.008 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 6 - APS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.007 f/cc	0.01 f/cc	0.008 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 6 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.007 f/cc	0.01 f/cc	0.008 f/cc (AM)	NR	0.001 f/cc (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 7 - AFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.009 f/cc	0.022 f/cc	0.015 f/cc (AM)	NR	0.004 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 7 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.009 f/cc	0.022 f/cc	0.015 f/cc (AM)	NR	0.004 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 8 - AFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.009 f/cc	0.019 f/cc	0.011 f/cc (AM)	NR	0.004 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 8 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.009 f/cc	0.019 f/cc	0.011 f/cc (AM)	NR	0.004 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 9 - AFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.008 f/cc	0.017 f/cc	0.011 f/cc (AM)	NR	0.003 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air inside a heavy equipment repair facility on day 9 - BFS (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.008 f/cc	0.017 f/cc	0.011 f/cc (AM)	NR	0.003 f/cc (ASD); NR;
Pastuszka et al. 1999 HERO ID: 3080996 <i>OQD:</i> Medium	Fiber Type: General; Size: Longer than 5 µm Sosnowiec, PL Scenario: Indoor air in homes covered with asbestos-cement sheets (n = 9; DF = 1; Sampling Period: 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00102 f/cc (AM)	NR	NR; NR;

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Pastuszka et al. 1999 HERO ID: 3080996 <i>OQD:</i> Medium	Fiber Type: General; Size: Longer than 5 µm Sosnowiec, PL Scenario: Indoor air in homes near busy streets with no asbestos-cement sheets (n = 10; DF = 1; Sampling Period: 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00091 f/cc (AM)	NR	NR; NR;
Pastuszka et al. 1999 HERO ID: 3080996 <i>OQD:</i> Medium	Fiber Type: General; Size: Longer than 5 µm Sosnowiec, PL Scenario: Indoor air in suburban homes with trees and shrubs (n = 10; DF = 1; Sampling Period: 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00035 f/cc (AM)	NR	NR; NR;
Dong et al. 1994 HERO ID: 3081847 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >0.5µm Paris, FR Scenario: Indoor air from university building with ACM (n = 20; DF = 0.55; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; 0.00003 f/mL; 0.0005 f/mL; 0.0001 f/mL; 0.0028 f/mL; 0.0009 f/mL; ND; ND; ND; 0.0001 f/mL; 0.0003 f/mL; 0.0001 f/mL; ND; ND; 0.0003 f/mL; 0.0003 f/mL; ND; ND; 0.027 f/mL; ND]				
Dong et al. 1994 HERO ID: 3081847 <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm Paris, FR Scenario: Indoor air from university building with ACM (n = 20; DF = 0.4; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0045 f/mL; ND; 0.0003 f/mL; ND; 0.0004 f/mL; ND; ND; 0.0012 f/mL; ND; ND; ND; ND; ND; 0.0004 f/mL; ND; ND; 0.0003 f/mL; 0.0003 f/mL; ND; 0.0005 f/mL]				
Viallat et al. 1991 HERO ID: 3082291 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm northeast region of Corsica, FI,TR Scenario: Indoor air of Northeast villages (n = 4; DF = 0.75; Sampling Period: 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; 0.2 ng/m ³ ; 2 ng/m ³ ; 55 ng/m ³]				
Viallat et al. 1991 HERO ID: 3082291 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.45µm northeast region of Corsica, FI,TR Scenario: Indoor air of Northeast villages (n = 4; DF = 1; Sampling Period: 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [7 ng/m ³ ; 182 ng/m ³ ; 8 ng/m ³ ; 42 ng/m ³]				
Viallat et al. 1991 HERO ID: 3082291 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45µm Northwestern region of Corsica, FI,TR Scenario: Indoor air of Northwestern villages (n = 12; DF = NR; Sampling Period: 1982)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.6 ng/m ³ (AM)	NR	NR; NR;
Viallat et al. 1991 HERO ID: 3082291 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.45µm Northwestern region of Corsica, FI,TR Scenario: Indoor air of Northwestern villages (n = 12; DF = 0; Sampling Period: 1982)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Boutin et al. 1989 HERO ID: 3082873 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Corsica, FR Scenario: Indoor air from northeast villages (n = 4; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	14.3 ng/m ³ (AM)	NR	15.7 ng/m ³ (ASD); NR;

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Boutin et al. 1989 HERO ID: 3082873 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Corsica, FR Scenario: Indoor air from northeast villages (n = 4; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	59.8 ng/m ³ (AM)	NR	48 ng/m ³ (ASD); NR;
Boutin et al. 1989 HERO ID: 3082873 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Corsica, FR Scenario: Indoor air from northwest villages (n = 4; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.6 ng/m ³ (AM)	NR	0.5 ng/m ³ (ASD); NR;
Sawyer et al. 1985 HERO ID: 3083482 <i>OQD:</i> Low	Fiber Type: General; Size: NR US Scenario: Indoor air within work area of ACM abatement (n = 23; DF = 0; Sampling Period: 1985)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sawyer et al. 1985 HERO ID: 3083482 <i>OQD:</i> Low	Fiber Type: General; Size: NR US Scenario: Indoor air outside barrier of work area of ACM abatement (n = 12; DF = 0; Sampling Period: 1985)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Guidotti et al. 1988 HERO ID: 3095120 * <i>OQD:</i> Low	Fiber Type: General; Size: NR Edmonton, Alberta, CA Scenario: Indoor air in office building before renovation (n = 116; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	NR	≤0.01 f/cc	NR	NR	NR; NR;
Guidotti et al. 1988 HERO ID: 3095120 * <i>OQD:</i> Low	Fiber Type: General; Size: NR Edmonton, Alberta, CA Scenario: Indoor air in office building after renovation (n = 116; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	NR	≤0.01 f/cc	NR	NR	NR; NR;
Guidotti et al. 1988 HERO ID: 3095120 * <i>OQD:</i> Low	Fiber Type: General; Size: NR Edmonton, Alberta, CA Scenario: Indoor air in office building outside the area of renovation (n = 116; DF = NR; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	ND	0.86 f/cc	0.07 f/cc (GM)	NR	NR; NR;
Chesson et al. 1990 HERO ID: 3095922 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR East coast; Midwest; West; West coast, US Scenario: Indoor air from non-asbestos containing buildings (n = 6; DF = NR; Sampling Period: 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00099 s/cm ³ (AM)	50th: 0.0001 s/cm ³ ;	0.00198 s/cm ³ (ASD); NR;
Chesson et al. 1990 HERO ID: 3095922 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR East coast; Midwest; West; West coast, US Scenario: Indoor air from asbestos containing buildings in good condition (n = 6; DF = NR; Sampling Period: 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00059 s/cm ³ (AM)	50th: 0.0004 s/cm ³ ;	0.00052 s/cm ³ (ASD); NR;

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Chesson et al. 1990 HERO ID: 3095922 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR East coast; Midwest; West; West coast, US Scenario: Indoor air from asbestos containing buildings in damaged condition (n = 37; DF = NR; Sampling Period: 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00073 s/cm ³ (AM)	50th: 0.00058 s/cm ³ ;	0.00072 s/cm ³ (ASD); NR;	
Ganor et al. 1992 HERO ID: 3096697 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: NR IL Scenario: Indoor air from dining room of a kibbutz (n = 4; DF = 1; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	3 f/cm ³	5 f/cm ³	4 f/cm ³ (AM)	NR	NR; NR;	
Ganor et al. 1992 HERO ID: 3096697 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: NR IL Scenario: Indoor air from brake cleaning garage (n = 4; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.02 f/cm ³ (AM)	NR	NR; NR;	
Reynolds et al. 1994 HERO ID: 3097354 * <i>OQD:</i> Medium	Fiber Type: General; Size: >0.5 µm US Scenario: Indoor air from elevator mechanical room of office building (n = 6; DF = 0.17; Sampling Period: 1994)	LOD: 0.002 s/cm ³ LOQ: Not Reported	NR	NR	0.0011 s/cm ³ (GM)	NR	1.33 s/cm ³ (ASD); NR;	
Reynolds et al. 1994 HERO ID: 3097354 * <i>OQD:</i> Medium	Fiber Type: General; Size: >0.5 µm US Scenario: Indoor air from supply air of office building (n = 6; DF = 0.17; Sampling Period: 1994)	LOD: 0.002 s/cm ³ LOQ: Not Reported	NR	NR	0.0011 s/cm ³ (GM)	NR	1.33 s/cm ³ (ASD); NR;	
Reynolds et al. 1994 HERO ID: 3097354 * <i>OQD:</i> Medium	Fiber Type: General; Size: >0.5 µm US Scenario: Indoor air from return air of office building (n = 6; DF = 0.17; Sampling Period: 1994)	LOD: 0.002 s/cm ³ LOQ: Not Reported	NR	NR	0.0011 s/cm ³ (GM)	NR	1.33 s/cm ³ (ASD); NR;	
Reynolds et al. 1994 HERO ID: 3097354 * <i>OQD:</i> Medium	Fiber Type: General; Size: >0.5 µm US Scenario: Indoor air from garage of office building (n = 6; DF = 0.33; Sampling Period: 1994)	LOD: 0.002 s/cm ³ LOQ: Not Reported	NR	NR	0.0013 s/cm ³ (GM)	NR	1.43 s/cm ³ (ASD); NR;	
Burdett et al. 2016 HERO ID: 3367384 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5µm GB Scenario: Indoor air in Classroom B - TEM (n = 6; DF = 0.17; Sampling Period: 2015)	LOD: 0.0001 f/mL LOQ: 0.0003 f/mL	POINT VALUE(S): [0.0005 f/mL; <0.0003 f/mL; <0.0003 f/mL; <0.0003 f/mL; <0.0003 f/mL; <0.0003 f/mL]					
Burdett et al. 2016 HERO ID: 3367384 * <i>OQD:</i> Medium	Fiber Type: General; Size: <5µm GB Scenario: Indoor air in Classroom A - TEM (n = 6; DF = 0.67; Sampling Period: 2015)	LOD: 0.0001 f/mL LOQ: 0.0003 s/mL	POINT VALUE(S): [<0.0003 s/mL; <0.0003 s/mL; <0.0005 s/mL; <0.0003 s/mL; <0.0008 s/mL]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing vinyl-asbestos tile floors and asbestos-cement roofs in 1993 (n = 13; DF = 0.54; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	NR	0.0004 f/cc	NR	NR	NR; NR;
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing asbestos cement roofs in 1994 (n = 10; DF = 0.2; Sampling Period: 1994)	LOD: Not Reported LOQ: Not Reported	NR	0.0022 f/cc	NR	NR	NR; NR;
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing vinyl-asbestos tile floors and asbestos-cement walls in 1995 (n = 32; DF = 0.19; Sampling Period: 1995)	LOD: Not Reported LOQ: Not Reported	NR	0.0004 f/cc	NR	NR	NR; NR;
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing asbestos-cement walls, ceilings, and roofs in 1996 (n = 51; DF = 0.35; Sampling Period: 1996)	LOD: Not Reported LOQ: Not Reported	NR	0.0016 f/cc	NR	NR	NR; NR;
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing vinyl-asbestos tile floors and asbestos-cement roofs in 1997 (n = 66; DF = 0.24; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	NR	0.0004 f/cc	NR	NR	NR; NR;
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing asbestos-cement walls in 1998 (n = 9; DF = 0.22; Sampling Period: 1998)	LOD: Not Reported LOQ: Not Reported	NR	0.001 f/cc	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing asbestos-cement walls, ceilings, and roofs in 1999 (n = 8; DF = 0.25; Sampling Period: 1999)	LOD: Not Reported LOQ: Not Reported	NR	0.0004 f/cc	NR	NR	NR; NR;
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing asbestos-cement walls, ceilings, and roofs in 2000 (n = 2; DF = 1; Sampling Period: 2000)	LOD: Not Reported LOQ: Not Reported	NR	0.0004 f/cc	NR	NR	NR; NR;
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing asbestos-cement walls, ceilings, and roofs in 2001 (n = 5; DF = 1; Sampling Period: 2001)	LOD: Not Reported LOQ: Not Reported	NR	0.0004 f/cc	NR	NR	NR; NR;
Campopiano et al. 2004 HERO ID: 3520506 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Crocidolite (asbestiform of mineral riebeckite),Amosite (asbestiform of mineral grunerite); Size: 8µm IT Scenario: Indoor air from schools containing asbestos-cement walls, ceilings, and roofs in 2002 (n = 4; DF = 1; Sampling Period: 2002)	LOD: Not Reported LOQ: Not Reported	NR	0.0007 f/cc	NR	NR	NR; NR;
Mangold et al. 2006 HERO ID: 3531143 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Area air from spiral wound gasket working area in 1st 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.002 f/cc (AM)	NR	NR; NR;
Mangold et al. 2006 HERO ID: 3531143 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Area air from spiral wound gasket working area in 2nd 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.002 f/cc (AM)	NR	NR; NR;

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Mangold et al. 2006 HERO ID: 3531143 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Area air from braided gasket working area in 1st 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.003 f/cc (AM)	NR	NR; NR;	
Mangold et al. 2006 HERO ID: 3531143 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Area air from braided gasket working area in 2nd 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.004 f/cc (AM)	NR	NR; NR;	
Mangold et al. 2006 HERO ID: 3531143 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Area air from encapsulated sheet gasket working area in 1st 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.003 f/cc (AM)	NR	NR; NR;	
Mangold et al. 2006 HERO ID: 3531143 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Area air from encapsulated sheet gasket working area in 2nd 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.004 f/cc (AM)	NR	NR; NR;	
Marier et al. 2007 HERO ID: 3531169 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: L> 0.5 µm Thetford mines, Quebec, CA Scenario: Indoor air from houses in vicinity of mines and tailing piles, sampled using AHERA protocol (2003) - asbestos on filter (n = 16; DF = 0.9375; Sampling Period: Aug., 2003 - Nov., 2003)	LOD: Not Reported LOQ: 0.004 s/mL	POINT VALUE(S): [ND; 82.6 s/mm ² ; 41.4 s/mm ² ; 441.5 s/mm ² ; 289.5 s/mm ² ; 193.2 s/mm ² ; 82.8 s/mm ² ; 138 s/mm ² ; 13.8 s/mm ² ; 13.8 s/mm ² ; 110.4 s/mm ² ; 27.6 s/mm ² ; 27.6 s/mm ² ; 13.8 s/mm ² ; 34.5 s/mm ² ; 151.8 s/mm ²]					
Marier et al. 2007 HERO ID: 3531169 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: L> 0.5 µm Thetford mines, Quebec, CA Scenario: Indoor air from houses in vicinity of mines and tailing piles, sampled using AHERA protocol (2004) - asbestos on filter (n = 12; DF = 1; Sampling Period: Jul., 2004 - Aug., 2004)	LOD: Not Reported LOQ: 0.004 s/mL	POINT VALUE(S): [262.2 s/mm ² ; 96.6 s/mm ² ; 82.8 s/mm ² ; 48.3 s/mm ² ; 662.3 s/mm ² ; 193.2 s/mm ² ; 248.4 s/mm ² ; 41.4 s/mm ² ; 124.2 s/mm ² ; 27.6 s/mm ² ; 69 s/mm ² ; 13.8 s/mm ²]					

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Marier et al. 2007 HERO ID: 3531169 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: L > 0.5 µm Thetford mines, Quebec, CA Scenario: Indoor air from houses in vicinity of mines and tailing piles, sampled using AHERA protocol (2004) - asbestos in air (n = 12; DF = 1; Sampling Period: Jul., 2004 - Aug., 2004)	LOD: Not Reported LOQ: 0.004 s/mL	POINT VALUE(S): [0.084 s/mL; 0.031 s/mL; 0.027 s/mL; 0.311 s/mL; 0.212 s/mL; 0.062 s/mL; 0.08 s/mL; 0.013 s/mL; 0.04 s/mL; 0.009 s/mL; 0.022 s/mL; 0.004 s/mL]					
Marier et al. 2007 HERO ID: 3531169 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: L > 0.5 µm Thetford mines, Quebec, CA Scenario: Indoor air from houses in vicinity of mines and tailing piles, sampled using AHERA protocol (2003) - asbestos in air (n = 16; DF = 0.9375; Sampling Period: Aug., 2003 - Nov., 2003)	LOD: Not Reported LOQ: 0.004 s/mL	POINT VALUE(S): [0.027 s/mL; 0.013 s/mL; 0.142 s/mL; 0.093 s/mL; 0.062 s/mL; 0.027 s/mL; 0.044 s/mL; 0.004 s/mL; 0.004 s/mL; 0.035 s/mL; 0.009 s/mL; 0.009 s/mL; 0.004 s/mL; 0.011 s/mL; 0.049 s/mL; ND]					
Marier et al. 2007 HERO ID: 3531169 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: L > 5 µm Thetford mines, Quebec, CA Scenario: Indoor air from houses in vicinity of mines and tailing piles, sampled using NIOSH protocol (2003) (n = 16; DF = 0.69; Sampling Period: Aug., 2003 - Nov., 2003)	LOD: Not Reported LOQ: 0.000553 f/mL	POINT VALUE(S): [0.01 f/mL; 0.000553 f/mL; <0.000553 f/mL; 0.002213 f/mL; 0.001107 f/mL; <0.000553 f/mL; 0.002767 f/mL; 0.001107 f/mL; 0.000553 f/mL; <0.000553 f/mL; 0.001107 f/mL; 0.000553 f/mL; 0.001107 f/mL; <0.000553 f/mL; <0.000553 f/mL; 0.001107 f/mL]					
Marier et al. 2007 HERO ID: 3531169 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: L > 5 µm Thetford mines, Quebec, CA Scenario: Indoor air from houses in vicinity of mines and tailing piles, sampled using NIOSH protocol (2004) (n = 11; DF = 0.64; Sampling Period: Jul., 2004 - Aug., 2004)	LOD: Not Reported LOQ: 0.000553 f/mL	POINT VALUE(S): [0.000553 f/mL; 0.003874 f/mL; 0.006 f/mL; 0.004427 f/mL; 0.009 f/mL; <0.000553 f/mL; 0.0011067 f/mL; <0.000553 f/mL; <0.000553 f/mL; <0.000553 f/mL; 0.01 f/mL]					
Keyes et al. 1991 HERO ID: 3581248 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Aspen, Colorado (Aspen Middle School), US Scenario: Indoor air of classroom after cable installation in simulation 1 (n = 6; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	8.4 s/cm ³ (AM); 6.2 s/cm ³ (GM)	NR	7 s/cm ³ (ASD); NR;	
Keyes et al. 1991 HERO ID: 3581248 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Aspen, Colorado (Aspen Middle School), US Scenario: Indoor air of classroom after cable installation in simulation 2 (n = 4; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	17 s/cm ³ (AM); 12.3 s/cm ³ (GM)	NR	13.5 s/cm ³ (ASD); NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Keyes et al. 1991 HERO ID: 3581248 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Aspen, Colorado (Aspen Middle School), US Scenario: Indoor air of classroom before cable installation in simulation 1 (n = 5; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.052 s/cm ³ (AM); 0.046 s/cm ³ (GM)	NR	0.03 s/cm ³ (ASD); NR;	
Keyes et al. 1991 HERO ID: 3581248 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Aspen, Colorado (Aspen Middle School), US Scenario: Indoor air of classroom before cable installation in simulation 2 (n = 5; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.158 s/cm ³ (AM); 0.129 s/cm ³ (GM)	NR	0.094 s/cm ³ (ASD); NR;	
Lundgren et al. 1991 HERO ID: 3582228 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air during hot and cold tile removal (n = 2; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0004 f/cc (AM)	NR	NR; NR;	
Lundgren et al. 1991 HERO ID: 3582228 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor air during tile installation (n = 1; DF = 1; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0013 f/cc]					
Lundgren et al. 1991 HERO ID: 3582228 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Indoor background air (n = 2; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Gruenwald et al. 1988 HERO ID: 3582384 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Los Angeles, California, US Scenario: Indoor air before the earthquake (n = 6; DF = 0.33; Sampling Period: Sept., 1987)	LOD: 0.0002 f/cc LOQ: Not Reported	POINT VALUE(S): [<0.0003 f/cc; <0.0002 f/cc; <0.0002 f/cc; <0.0002 f/cc; 0.0009 f/cc; 0.0006 f/cc]					
Gruenwald et al. 1988 HERO ID: 3582384 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR Los Angeles, California, US Scenario: Indoor air after the earthquake (n = 6; DF = 1; Sampling Period: Oct., 1987)	LOD: 0.0002 f/cc LOQ: Not Reported	POINT VALUE(S): [0.0017 f/cc; 0.001 f/cc; 0.001 f/cc; 0.0018 f/cc; 0.001 f/cc; 0.0014 f/cc]					
Webber et al. 1988 HERO ID: 3583096 * <i>OQD:</i> Medium	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected in the background from impacted houses - Nuclepore (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0082 f/cc LOQ: Not Reported	NR	NR	0.12 f/cc (AM)	NR	NR; NR;	

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Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected from the background in control houses - Millipore (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0065 f/cc LOQ: Not Reported	NR	NR	0.0056 f/cc (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected from the background in impacted houses - Millipore (n = 2; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0065 f/cc LOQ: Not Reported	NR	NR	0.031 f/cc (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected in the background from control houses - Nuclepore (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0082 f/cc LOQ: Not Reported	NR	NR	0.05 f/cc (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected in the background from impacted houses - Nuclepore, mass concentration (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0082 f/cc LOQ: Not Reported	NR	NR	0.62 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected from the background in impacted houses - Millipore, mass concentration (n = 2; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0065 f/cc LOQ: Not Reported	NR	NR	3.8 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected in the background from control houses - Nuclepore, mass concentration (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0082 f/cc LOQ: Not Reported	NR	NR	0.45 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected from the background in control houses - Millipore, mass concentration (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0065 f/cc LOQ: Not Reported	NR	NR	0.038 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected in the shower from impacted houses - Nuclepore (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0055 f/cc LOQ: Not Reported	NR	NR	0.1 f/cc (AM)	NR	NR; NR;

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Webber et al. 1988 HERO ID: 3583096 * OQD: Medium	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected near the shower in control houses - Millipore, mass concentration (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.006 f/cc LOQ: Not Reported	NR	NR	0.16 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * OQD: Medium	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected in the shower from impacted houses - Nuclepore, mass concentration (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0055 f/cc LOQ: Not Reported	NR	NR	2.7 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * OQD: Medium	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected in the shower from control houses - Nuclepore, mass concentration (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0055 f/cc LOQ: Not Reported	NR	NR	0.2 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * OQD: Medium	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected after vacuuming from control houses - Nuclepore (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.037 f/cc (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * OQD: Medium	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected in the shower from control houses - Nuclepore (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0055 f/cc LOQ: Not Reported	NR	NR	0.024 f/cc (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * OQD: Medium	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected near the shower of impacted houses - Millipore, mass concentration (n = 2; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.001 ng/m ³ LOQ: Not Reported	NR	NR	0.78 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * OQD: Medium	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected after vacuuming from control houses - Nuclepore, mass concentration (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.28 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * OQD: Medium	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected near the shower in control houses - Millipore (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.006 f/cc LOQ: Not Reported	NR	NR	0.009 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected after vacuuming in impacted houses - Nuclepore (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.15 f/cc (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.6 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected after vacuuming in impacted houses - Nuclepore, mass concentration (n = 3; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.7 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected after vacuuming in control houses - Millipore, mass concentration (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0017 ng/m ³ LOQ: Not Reported	NR	NR	0.22 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected after vacuuming in impacted houses - Millipore, mass concentration (n = 2; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0013 ng/m ³ LOQ: Not Reported	NR	NR	2.4 ng/m ³ (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected after vacuuming in impacted houses - Millipore (n = 2; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0013 ng/m ³ LOQ: Not Reported	NR	NR	0.093 f/cc (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected after vacuuming in control houses - Millipore (n = 3; DF = 0.66; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.0017 ng/m ³ LOQ: Not Reported	NR	NR	0.0086 f/cc (AM)	NR	NR; NR;
Webber et al. 1988 HERO ID: 3583096 * <i>OQD: Medium</i>	Fiber Type: General; Size: >0.8 µm Woodstock, NY; Clifton Park, NY; Port Ewen, NY, US Scenario: Indoor air collected near the shower of impacted houses - Millipore (n = 2; DF = 1; Sampling Period: Dec., 1985 - Jan., 1986)	LOD: 0.001 ng/m ³ LOQ: Not Reported	NR	NR	0.037 f/cc (AM)	NR	NR; NR;
Bruckman et al. 1978 HERO ID: 3583133 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 µm Connecticut, US Scenario: Indoor air at university swimming pool (n = 4; DF = 0; Sampling Period: Mar., 1977 - Apr., 1977)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: ≥ 2.5 μm CH Scenario: Indoor air in Office Buildings (≥ 2.5 μm , TEM) (n = 3; DF = 0.33; Sampling Period: 1989)	LOD: 0.00042- 0.00094 f/cc LOQ: Not Reported					POINT VALUE(S): [ND; ND; 0.00335 f/cc]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: ≥ 5 μm CH Scenario: Indoor air in research buildings (≥ 5 μm , TEM) (n = 2; DF = 0.5; Sampling Period: 1989)	LOD: 0.00050- 0.00195 f/cc LOQ: Not Reported					POINT VALUE(S): [ND; 0.00249 f/cc]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: ≥ 5 μm CH Scenario: Indoor air in Schools (≥ 5 μm , TEM) (n = 6; DF = 0.86; Sampling Period: 1989)	LOD: 0.00009- 0.00796 f/cc LOQ: Not Reported					POINT VALUE(S): [0.00859 f/cc; 0.00796 f/cc; 0.00012 f/cc; ND; 0.00227 f/cc; 0.0019 f/cc]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: ≥ 5 μm CH Scenario: Indoor air in Office Buildings (≥ 5 μm , TEM) (n = 3; DF = 0.33; Sampling Period: 1989)	LOD: 0.00042- 0.00094 f/cc LOQ: Not Reported					POINT VALUE(S): [0.00168 f/cc; ND; ND]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: ≥ 5 μm CH Scenario: Indoor air in a Factory (≥ 5 μm , TEM) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.00016- 0.00022 f/cc LOQ: Not Reported					POINT VALUE(S): [0.00141 f/cc; 0.00485 f/cc]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: ≥ 5 μm CH Scenario: Indoor air in a school (≥ 5 μm , SEM) (n = 4; DF = 1; Sampling Period: 1989)	LOD: 0.000119- 0.000144 f/cc LOQ: Not Reported					POINT VALUE(S): [0.000405 f/cc; 0.000863 f/cc; 0.00083 f/cc; 0.000119 f/cc; 0.000141 f/cc]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: All sizes CH Scenario: Indoor air in research buildings (All sizes, TEM) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.00050- 0.00195 f/cc LOQ: Not Reported					POINT VALUE(S): [0.0156 f/cc; 0.0294 f/cc]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: All sizes CH Scenario: Indoor air in Schools (All sizes, TEM) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.00009- 0.00796 f/cc LOQ: Not Reported					POINT VALUE(S): [0.22892 f/cc; 1.59947 f/cc]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: All sizes CH Scenario: Indoor air in Office Buildings (All sizes, TEM) (n = 3; DF = 1; Sampling Period: 1989)	LOD: 0.00042- 0.00094 f/cc LOQ: Not Reported					POINT VALUE(S): [0.01974 f/cc; 0.05428 f/cc; 0.03132 f/cc]
Guillemin et al. 1989 HERO ID: 3583563 * OQD: Medium	Fiber Type: General; Size: ≥ 2.5 μm CH Scenario: Indoor air in Research buildings (≥ 2.5 μm , TEM) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.00050- 0.00195 f/cc LOQ: Not Reported					POINT VALUE(S): [0.00195 f/cc; 0.00598 f/cc]

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Guillemin et al. 1989 HERO ID: 3583563 * <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 2.5 μm CH Scenario: Indoor air in Schools (≥ 2.5 μm , TEM) (n = 6; DF = 1; Sampling Period: 1989)	LOD: 0.00009-0.00796 f/cc LOQ: Not Reported	POINT VALUE(S): [0.01717 f/cc; 0.02387 f/cc; 0.00019 f/cc; 0.00437 f/cc; 0.00056 f/cc]					
Guillemin et al. 1989 HERO ID: 3583563 * <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 2.5 μm CH Scenario: Indoor air in a Factory (≥ 2.5 μm , TEM) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.00016-0.00022 f/cc LOQ: Not Reported	POINT VALUE(S): [0.00297 f/cc; 0.00705 f/cc]					
Guillemin et al. 1989 HERO ID: 3583563 * <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 2.5 μm CH Scenario: Indoor air in Schools (≥ 2.5 μm , SEM) (n = 4; DF = 1; Sampling Period: 1989)	LOD: 0.000119-0.000144 f/cc LOQ: Not Reported	POINT VALUE(S): [0.000119 f/cc; 0.000141 f/cc; 0.000877 f/cc; 0.001432 f/cc]					
Guillemin et al. 1989 HERO ID: 3583563 * <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 2.5 μm CH Scenario: Indoor air in a shopping center (≥ 2.5 μm , SEM) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.000064-0.000111 f/cc LOQ: Not Reported	POINT VALUE(S): [0.000111 f/cc; 0.000064 f/cc]					
Guillemin et al. 1989 HERO ID: 3583563 * <i>OQD:</i> Medium	Fiber Type: General; Size: ≥ 5 μm CH Scenario: Indoor air in a shopping center (≥ 5 μm , SEM) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 0.000064-0.000111 f/cc LOQ: Not Reported	POINT VALUE(S): [0.000111 f/cc; 0.000064 f/cc]					
Guillemin et al. 1989 HERO ID: 3583563 * <i>OQD:</i> Medium	Fiber Type: General; Size: All sizes CH Scenario: Indoor air in a Factory (All sizes, TEM) (n = 2; DF = 0; Sampling Period: 1989)	LOD: 0.00016-0.00022 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance - Period 1, Test 1 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during dust disturbance - Period 2, Test 1 (n = 5; DF = 1; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.04 f/mL (AM)	NR	NR; NR;	
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance (following dust disturbance) - Period 3, Test 1 (n = 4; DF = 1; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.02 f/mL (AM)	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during dust disturbance - Period 2, Test 2 (n = 4; DF = 1; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.47 f/mL (AM)	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance (following dust disturbance) - Period 3, Test 2 (n = 4; DF = 1; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.04 f/mL (AM)	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during dust disturbance - Period 2, Test 3 (n = 4; DF = 1; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.03 f/mL (AM)	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance (following dust disturbance) - Period 3, Test 3 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance - Period 1, Test 4 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during dust disturbance - Period 2, Test 4 (n = 4; DF = 0.25; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance (following dust disturbance) - Period 3, Test 4 (n = 3; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance - Period 1, Test 5 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Moorcroft et al. 1984 HERO ID: 3584219 * OQD: Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during dust disturbance - Period 2, Test 5 (n = 4; DF = 0.25; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * OQD: Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance (following dust disturbance) - Period 3, Test 5 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * OQD: Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance - Period 1, Test 6 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * OQD: Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during dust disturbance - Period 2, Test 6 (n = 3; DF = 1; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.03 f/mL (AM)	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * OQD: Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance (following dust disturbance) - Period 3, Test 6 (n = 3; DF = 1; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.015 f/mL (AM)	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * OQD: Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during dust disturbance - Period 2, Test 7 (n = 4; DF = 1; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.1 f/mL (AM)	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * OQD: Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance (following dust disturbance) - Period 3, Test 7 (n = 4; DF = 0.75; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	0.105 f/mL (AM)	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * OQD: Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance - Period 1, Test 8 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during dust disturbance - Period 2, Test 8 (n = 4; DF = 0.25; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance - Period 1, Test 2 (n = 3; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance - Period 1, Test 7 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance - Period 1, Test 3 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Moorcroft et al. 1984 HERO ID: 3584219 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR London, GB Scenario: Indoor air from North London school classrooms during no dust disturbance (following dust disturbance) - Period 3, Test 8 (n = 4; DF = 0; Sampling Period: 1983)	LOD: 0.01 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Nam et al. 2015 HERO ID: 3584319 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR KR Scenario: Indoor air in elementary schools A1 (n = 2; DF = NR; Sampling Period: Fall, 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.003 f/cc (AM)	NR	NR; NR;
Nam et al. 2015 HERO ID: 3584319 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR KR Scenario: Indoor air in elementary schools A2 (n = 3; DF = NR; Sampling Period: Fall, 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.021 f/cc (AM)	NR	NR; NR;
Nam et al. 2015 HERO ID: 3584319 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR KR Scenario: Indoor air in middle schools B1 (n = 7; DF = NR; Sampling Period: Fall, 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.002 f/cc (AM)	NR	NR; NR;
Nam et al. 2015 HERO ID: 3584319 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR KR Scenario: Indoor air in middle schools B2 and B4 (n = 2; DF = NR; Sampling Period: Fall, 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.008 f/cc (AM)	NR	NR; NR;

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Nam et al. 2015 HERO ID: 3584319 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR KR Scenario: Indoor air in middle schools B3 (n = 6; DF = NR; Sampling Period: Fall, 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.008 f/cc (AM)	NR	NR; NR;
Nam et al. 2015 HERO ID: 3584319 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR KR Scenario: Indoor air in high school C1 (n = 5; DF = NR; Sampling Period: Fall, 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.002 f/cc (AM)	NR	NR; NR;
Nam et al. 2015 HERO ID: 3584319 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR KR Scenario: Indoor air in high school C2 (n = 4; DF = NR; Sampling Period: Fall, 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.003 f/cc (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 3-5 feet of pole sanding (n = 10; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	1.2 f/cm ³	19.3 f/cm ³	10 f/cm ³ (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 8 feet of pole sanding (same room) (n = 3; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	3.5 f/cm ³	19.8 f/cm ³	8.6 f/cm ³ (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 25 feet of pole sanding (adjacent room) (n = 2; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	0.7 f/cm ³	8.8 f/cm ³	4.8 f/cm ³ (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 3-5 feet of hand sanding (n = 11; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	1.3 f/cm ³	16.9 f/cm ³	5.3 f/cm ³ (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 8 feet of hand sanding (same room) (n = 2; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	2.1 f/cm ³	2.5 f/cm ³	2.3 f/cm ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Rohl et al. 1975 HERO ID: 3615573 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 15 feet of hand sanding (adjacent room) (n = 2; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	1.5 f/cm ³	7.1 f/cm ³	4.3 f/cm ³ (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 3-5 feet of dry mixing (n = 2; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	35.4 f/cm ³	59 f/cm ³	47.2 f/cm ³ (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 10-20 feet of dry mixing (same room) (n = 3; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	0.5 f/cm ³	13.1 f/cm ³	5.8 f/cm ³ (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air within 16-35 feet of dry mixing (adjacent room) (n = 2; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	2.1 f/cm ³	3.1 f/cm ³	2.6 f/cm ³ (AM)	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite; Size: 5µm US Scenario: Indoor air 15 and 35 minutes after sweeping within 10-50 feet (n = 2; DF = 1; Sampling Period: 1979)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [41.4 f/cm ³ ; 26.4 f/cm ³]				
Chadwick et al. 1985 HERO ID: 3625598 * OQD: Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school art room (Facility 6, PCM) (n = 1; DF = 0; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Chadwick et al. 1985 HERO ID: 3625598 * OQD: Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school corridor, levels 2 and 3 (Facility 5, PCM) (n = 2; DF = 0.5; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; ND]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school corridor (Facility 1, PCM) (n = 1; DF = 0; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school gymnasium (Facility 1, PCM) (n = 1; DF = 0; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school gymnasium (Facility 3, PCM) (n = 2; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [17000 fibers counted; 22000 fibers counted]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school gymnasium (Facility 4, PCM) (n = 1; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [5000 fibers counted]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school classroom (Facility 4, PCM) (n = 1; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [9000 fibers counted]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school gymnasium (Facility 1, TEM) (n = 1; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [471000 fibers counted; 0.143 f/cc]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school corridor (Facility 1, TEM) (n = 1; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [184000 fibers counted; 0.048 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school gymnasium (Facility 3, TEM) (n = 2; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [131000 fibers counted; 0.021 f/cc; 2529000 fibers counted; 0.298 f/cc]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school gymnasium (Facility 4, TEM) (n = 1; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [195000 fibers counted; 0.061 f/cc]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school classroom (Facility 4, TEM) (n = 1; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2190000 fibers counted; 0.782 f/cc]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school corridor, levels 2 and 3 (Facility 5, TEM) (n = 2; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [20000 fibers counted; 0.004 f/cc; 26000 fibers counted; 0.006 f/cc]					
Chadwick et al. 1985 HERO ID: 3625598 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm Colorado, US Scenario: Indoor air in a public school art room (Facility 6, TEM) (n = 1; DF = 1; Sampling Period: Winter, 1981 - Spring, 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [32000 fibers counted; 0.007 f/cc]					
Kominsky et al. 1993 HERO ID: 3649689 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Area air before cleaning with conventional dry vacuum (n = 2; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	0.053 s/cm ³	0.015 s/cm ³	0.034 s/cm ³ (AM)	NR	NR; NR;	
Kominsky et al. 1993 HERO ID: 3649689 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Area air before cleaning with HEPA-filtered dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	0.025 s/cm ³	0.163 s/cm ³	0.079 s/cm ³ (AM)	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kominsky et al. 1993 HERO ID: 3649689 * <i>OQD: Medium</i>	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Area air before cleaning with hot water (wet) vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	0.04 s/cm ³	0.056 s/cm ³	0.046 s/cm ³ (AM)	NR	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 * <i>OQD: Medium</i>	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Area air during cleaning with conventional dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	0.03 s/cm ³	0.065 s/cm ³	0.047 s/cm ³ (AM)	NR	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 * <i>OQD: Medium</i>	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Area air during cleaning with HEPA-filtered dry vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	0.043 s/cm ³	0.168 s/cm ³	0.094 s/cm ³ (AM)	NR	NR; NR;
Kominsky et al. 1993 HERO ID: 3649689 * <i>OQD: Medium</i>	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: 0.45µm Baltimore, MD, US Scenario: Area air during cleaning with hot water (wet) vacuum (n = 3; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	0.066 s/cm ³	0.109 s/cm ³	0.093 s/cm ³ (AM)	NR	NR; NR;
Cherrie et al. 1989 HERO ID: 3657321 * <i>OQD: Low</i>	Fiber Type: General; Size: NR GB Scenario: Dust of clearance sample after remedial work on asbestos insulation - PCOM (n = 10; DF = 1; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	3 f/mm2	39 f/mm2	NR	NR	NR; NR;
Cherrie et al. 1989 HERO ID: 3657321 * <i>OQD: Low</i>	Fiber Type: General; Size: NR GB Scenario: Dust inside a building with spray insulation - PCOM (n = 10; DF = 1; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	12 f/mm2	160 f/mm2	NR	NR	NR; NR;
Perkins et al. 1990 HERO ID: 3714683 * <i>OQD: Medium</i>	Fiber Type: General; Size: 0.8 µm US Scenario: Indoor air from an office building (n = 268; DF = 0.32; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Corn et al. 1991 HERO ID: 3714772 * OQD: Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from schools - total (n = 328; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.02 s/cm ³ (AM)	95th: 0.086 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * OQD: Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from schools - total, mass concentration (n = 328; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	4.2 ng/m ³ (AM)	95th: 9.6 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * OQD: Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from common areas in schools - total (n = 49; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.02 s/cm ³ (AM)	95th: 0.087 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * OQD: Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from common areas in schools - total, mass concentration (n = 49; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	4.9 ng/m ³ (AM)	95th: 8.2 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * OQD: Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from administrative rooms in schools - total (n = 31; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.016 s/cm ³ (AM)	95th: 0.05 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * OQD: Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from administrative rooms in schools - total, mass concentration (n = 31; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.65 ng/m ³ (AM)	95th: 5.3 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * OQD: Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from classrooms in schools - total (n = 130; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.019 s/cm ³ (AM)	95th: 0.086 s/cm ³ ;	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from classrooms in schools - total, mass concentration (n = 130; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	6.3 ng/m ³ (AM)	95th: 15 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from gyms in schools - total (n = 16; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.027 s/cm ³ (AM)	95th: 0.2 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from gyms in schools - total, mass concentration (n = 16; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	9.2 ng/m ³ (AM)	95th: 95 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from assembly rooms in schools - total (n = 28; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.025 s/cm ³ (AM)	95th: 0.067 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from assembly rooms in schools - total, mass concentration (n = 28; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.27 ng/m ³ (AM)	95th: 1.4 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from cafeterias in schools - total (n = 40; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.017 s/cm ³ (AM)	95th: 0.12 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from cafeterias in schools - total, mass concentration (n = 40; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.39 ng/m ³ (AM)	95th: 2.8 ng/m ³ ;	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from libraries in schools - total (n = 20; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.013 s/cm ³ (AM)	95th: 0.048 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from libraries in schools - total, mass concentration (n = 20; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	7 ng/m ³ (AM)	95th: 64 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from shops in schools - total (n = 5; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0064 s/cm ³ (AM)	95th: 0.015 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from shops in schools - total, mass concentration (n = 5; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.29 ng/m ³ (AM)	95th: 1.2 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from music rooms in schools - total (n = 4; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.076 s/cm ³ (AM)	95th: 0.27 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from music rooms in schools - total, mass concentration (n = 4; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.95 ng/m ³ (AM)	95th: 3.5 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from utility rooms in schools - total (n = 5; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0084 s/cm ³ (AM)	95th: 0.038 s/cm ³ ;	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 μm ; 0.4 μm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from utility rooms in schools - total, mass concentration (n = 5; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.9 ng/m ³ (AM)	95th: 0.39 ng/m ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from schools - $>5 \mu\text{m}$ (n = 328; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00023 s/cm ³ (AM)	95th: 0.0025 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from common areas in schools - $>5 \mu\text{m}$ (n = 49; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00016 s/cm ³ (AM)	95th: 0.0025 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from classrooms in schools - $>5 \mu\text{m}$ (n = 130; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0004 s/cm ³ (AM)	95th: 0.0033 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from gyms in schools - $>5 \mu\text{m}$ (n = 16; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0006 s/cm ³ (AM)	95th: 0.0062 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from assembly rooms in schools - $>5 \mu\text{m}$ (n = 28; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000084 s/cm ³ (AM)	NDNR	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from libraries in schools - $>5 \mu\text{m}$ (n = 20; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00017 s/cm ³ (AM)	95th: 0.0017 s/cm ³ ;	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from administrative rooms in schools - $>5 \mu\text{m}$ (n = 31; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from cafeterias in schools - $>5\mu\text{m}$ (n = 40; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from shops in schools - $>5\mu\text{m}$ (n = 5; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from music rooms in schools - $>5\mu\text{m}$ (n = 4; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Corn et al. 1991 HERO ID: 3714772 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Indoor air from utility rooms in schools - $>5\mu\text{m}$ (n = 5; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site O (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site A (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.003 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site A (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.008 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site B (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.01 s/cm ³	0.055 s/cm ³	0.027 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site B (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.004 s/cm ³	0.024 s/cm ³	0.012 s/cm ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site C (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.012 s/cm ³	0.005 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site C (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.003 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site D (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.003 s/cm ³	0.059 s/cm ³	0.02 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site D (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0 s/cm ³	0.009 s/cm ³	0.004 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site E (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.011 s/cm ³	0.069 s/cm ³	0.037 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site E (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.029 s/cm ³	0.01 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site F (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.032 s/cm ³	0.066 s/cm ³	0.043 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site F (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.01 s/cm ³	0.058 s/cm ³	0.036 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site G (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.011 s/cm ³	0.037 s/cm ³	0.027 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site G (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.011 s/cm ³	0.005 s/cm ³ (AM)	NR	NR; NR;

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U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site H (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.014 s/cm ³	0.004 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site H (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.011 s/cm ³	0.005 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site I (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.007 s/cm ³	0.004 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site I (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.011 s/cm ³	0.005 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site J (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.011 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site K (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.014 s/cm ³	0.097 s/cm ³	0.041 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site K (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.007 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site L (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.016 s/cm ³	0.006 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site L (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.006 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site M (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.056 s/cm ³	0.023 s/cm ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site M (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.007 s/cm ³	0.004 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site N (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.003 s/cm ³	0.009 s/cm ³	0.004 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site N (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.046 s/cm ³	0.015 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site O (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.022 s/cm ³	0.005 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site P (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.011 s/cm ³	0.004 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site P (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site Q (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.018 s/cm ³	0.009 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site Q (n = 5; DF = 1; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0.004 s/cm ³	0.024 s/cm ³	0.012 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site R (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	ND	0.01 s/cm ³	0.005 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * OQD: High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site R (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	0 s/cm ³	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;

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U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site S (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	<LOD	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site S (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	<LOD	0.011 s/cm ³	0.003 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from previously abated area - Site T (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	<LOD	0.007 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site T (n = 5; DF = NR; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	<LOD	0.004 s/cm ³	0.001 s/cm ³ (AM)	NR	NR; NR;
U.S. EPA et al. 1993 HERO ID: 3970146 * <i>OQD:</i> High	Fiber Type: General; Size: NR New Jersey, US Scenario: Indoor air from perimeter area - Site J (n = 5; DF = 0; Sampling Period: May, 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >= 5 µm US Scenario: Post-abatement perimeter air at university (site 1) - TEM (n = 5; DF = 1; Sampling Period: Dec., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0057 f/cm ³ (AM)	NR	0.0046 f/cm ³ (ASD) ; NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >= 5 µm US Scenario: Post-abatement work area air at university (site 1) - TEM (n = 5; DF = 1; Sampling Period: Dec., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0056 f/cm ³ (AM)	NR	0.0039 f/cm ³ (ASD) ; NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >= 5 µm US Scenario: Post-abatement perimeter air at university (site 1) - PCM (n = 5; DF = 1; Sampling Period: Dec., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0022 f/cm ³ (AM)	NR	0.0011 f/cm ³ (ASD) ; NR;

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U.S. EPA et al. 1991 HERO ID: 3970154 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement work area air at university (site 1) - PCM (n = 5; DF = 0.8; Sampling Period: Dec., 1986)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0015 f/cm ³ (AM)	NR	0.001 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement perimeter air at university (site 2) - TEM (n = 7; DF = 1; Sampling Period: Apr., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.241 f/cm ³ (AM)	NR	0.1495 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement work area air at university (site 2) - TEM (n = 5; DF = 1; Sampling Period: Apr., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.3082 f/cm ³ (AM)	NR	0.1767 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement perimeter air at university (site 2) - PCM (n = 7; DF = 1; Sampling Period: Apr., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0027 f/cm ³ (AM)	NR	0.0025 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement work area air at university (site 2) - PCM (n = 5; DF = 1; Sampling Period: Apr., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0024 f/cm ³ (AM)	NR	0.0011 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement perimeter air at university (site 3) - TEM (n = 2; DF = 0.5; Sampling Period: Sept., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0028 f/cm ³ (AM)	NR	0.0039 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement work area air at university (site 3) - TEM (n = 7; DF = 0.86; Sampling Period: Sept., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0023 f/cm ³ (AM)	NR	0.0019 f/cm ³ (ASD); NR;

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U.S. EPA et al. 1991 HERO ID: 3970154 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement perimeter air at university (site 3) - PCM (n = 5; DF = 1; Sampling Period: Sept., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0074 f/cm ³ (AM)	NR	0.0068 f/cm ³ (ASD); NR;
U.S. EPA et al. 1991 HERO ID: 3970154 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ US Scenario: Post-abatement work area air at university (site 3) - PCM (n = 7; DF = 1; Sampling Period: Sept., 1987)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.008 f/cm ³ (AM)	NR	0.0031 f/cm ³ (ASD); NR;
CAREX Canada et al. 2017 HERO ID: 3978368 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR CA,US Scenario: Indoor air from multiple locations (n = 4046; DF = NR; Sampling Period: 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000085 f/mL (GM)	NR	NR; NR;
NJDOH et al. 1986 HERO ID: 3982249 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Willingboro, NJ, US Scenario: Chrysotile in room most frequently used in 9 homes (n = 9; DF = 0.66; Sampling Period: 1986)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2.6 ng/m ³ ; 0.7 ng/m ³ ; 35.7 ng/m ³ ; 0.2 ng/m ³ ; 16.9 ng/m ³ ; 0.1 ng/m ³ ; ND; ND; ND]				
NJDOH et al. 1986 HERO ID: 3982249 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Willingboro, NJ, US Scenario: Chrysotile in rooms farthest from furnace in 9 homes (n = 9; DF = 0.555; Sampling Period: 1986)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.5 ng/m ³ ; 13.4 ng/m ³ ; 14.3 ng/m ³ ; 22.2 ng/m ³ ; 3.3 ng/m ³ ; ND; ND; ND; ND]				
NJDOH et al. 1986 HERO ID: 3982249 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Willingboro, NJ, US Scenario: Chrysotile in utility room/room closest to the furnace/second floor room in 9 homes (n = 9; DF = 0.888; Sampling Period: 1986)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.7 ng/m ³ ; 2.4 ng/m ³ ; 22.2 ng/m ³ ; 2.3 ng/m ³ ; 6.9 ng/m ³ ; 1.5 ng/m ³ ; 0.8 ng/m ³ ; 1.1 ng/m ³ ; ND]				
Yang et al. 2019 HERO ID: 5943214 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Seoul, KR Scenario: Indoor air from statutory child care and elderly care centers (n = 216; DF = 0; Sampling Period: Apr., 2013 - Mar., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Yang et al. 2019 HERO ID: 5943214 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Seoul, KR Scenario: Indoor air from non-statutory child care and elderly care centers (n = 264; DF = 0; Sampling Period: Apr., 2013 - Mar., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 1 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0001 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 2 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0002 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 3 (n = 2; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0004 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 4 (n = 4; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0013 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 5 (n = 7; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0021 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 6 (n = 4; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0023 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 7 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0028 ng	NR	NR	NR; NR;

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Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 8 (n = 4; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.003 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 9 (n = 6; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.005 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Buildings 10, 17, 21, and 32 (n = 4; DF = 1; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.006 ng; 0.0011 ng; 0.029 ng; 0.75 ng]					
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 11 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0051 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 12 (n = 4; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0069 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 13 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.008 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 14 (n = 2; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.011 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 15 (n = 5; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.012 ng	NR	NR	NR; NR;	

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Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 16 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.012 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 18 (n = 2; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.024 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 19 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.024 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 20 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.027 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 22 (n = 4; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.034 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 23 (n = 4; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.029 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 24 (n = 3; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.042 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 25 (n = 4; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.062 ng	NR	NR	NR; NR;

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Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 26 (n = 2; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.008 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 27 (n = 13; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.022 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 28 (n = 4; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.2 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 29 (n = 2; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.28 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 30 (n = 9; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0028 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 31 (n = 46; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.63 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Building 33 (n = 2; DF = NR; Sampling Period: Jun., 1974)	LOD: Not Reported LOQ: Not Reported	NR	0.0079 ng	NR	NR	NR; NR;
Sebastien et al. 1979 HERO ID: 6867234 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Parliament Offices (n = 5; DF = NR; Sampling Period: Feb., 1978)	LOD: Not Reported LOQ: Not Reported	0 ng	NR	NR	NR	NR; NR;

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Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Control Buildings (n = 4; DF = 1; Sampling Period: Sept., 1974 - Apr., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0001 ng; 0.0001 ng; 0.0018 ng; 0.0022 ng]					
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Townhall (n = 3; DF = NR; Sampling Period: Apr., 1975)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0003 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in offices in modern building (n = 4; DF = NR; Sampling Period: Jul., 1977)	LOD: Not Reported LOQ: Not Reported	0.0004 ng	0.002 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in George Pompidou Center (n = 4; DF = NR; Sampling Period: Dec., 1977)	LOD: Not Reported LOQ: Not Reported	0.0002 ng	0.003 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Public Library (n = 7; DF = NR; Sampling Period: Feb., 1976)	LOD: Not Reported LOQ: Not Reported	0.0003 ng	0.006 ng	NR	NR	NR; NR;	
Sebastien et al. 1979 HERO ID: 6867234 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.45 μm Paris Suburbs, FR Scenario: Indoor air in Telephone Operator Building (n = 5; DF = NR; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	0.0001 ng	0.0121 ng	NR	NR	NR; NR;	
Nolan et al. 2001 HERO ID: 6874316 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: >5 μm US Scenario: Indoor air from school (n = 11; DF = NR; Sampling Period: 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	<0.00078 f/mL (AM)	NR	NR; NR;	
Nolan et al. 2001 HERO ID: 6874316 * OQD: Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: >5 μm US Scenario: Indoor air from coliseum (n = 8; DF = NR; Sampling Period: 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00162 f/mL (AM)	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Vernez et al. 2019 HERO ID: 6874591 * <i>OQD:</i> High	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: NR Switzerland, CH Scenario: Indoor air in schools (n = 16; DF = 0; Sampling Period: Apr., 2015)	LOD: 0.000095 and 0.000190 f/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Personal indoor air of Los Angeles residents - PCM (n = 221; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0455 f/mL (AM)	10th: 0.0063 f/mL; 50th: 0.03 f/mL; 90th: 0.0955 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Personal indoor air of Los Angeles residents - TEM (n = 221; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0001 f/mL (AM)	10th: 0 f/mL; 50th: 0 f/mL; 90th: 0 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor air (PCM all) (n = 747; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0116 f/mL (AM)	10th: 0.0027 f/mL; 50th: 0.0078 f/mL; 90th: 0.0213 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor air (PCM upper) (n = 382; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0129 f/mL (AM)	10th: 0.0025 f/mL; 50th: 0.0078 f/mL; 90th: 0.0224 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor air (PCM lower) (n = 365; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0102 f/mL (AM)	10th: 0.0029 f/mL; 50th: 0.0079 f/mL; 90th: 0.0204 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor air (TEM all) (n = 747; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0001 f/mL (AM)	10th: 0 f/mL; 50th: 0 f/mL; 90th: 0 f/mL;	NR; NR;
Lee et al. 1999 HERO ID: 6878182 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor air (TEM upper) (n = 382; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0001 f/mL (AM)	10th: 0 f/mL; 50th: 0 f/mL; 90th: 0 f/mL;	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Lee et al. 1999 HERO ID: 6878182 * <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Los Angeles, California, US Scenario: Household indoor air (TEM lower) (n = 365; DF = NR; Sampling Period: Jan., 1998 - Dec., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0001 f/mL (AM)	10th: 0 f/mL; 50th: 0 f/mL; 90th: 0 f/mL;	NR; NR;
Ha et al. 2017 HERO ID: 6885685 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $>5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in teachers rooms of small-scale preschools (n = 13; DF = NR; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.035 f/cc	0.009 f/cc (AM)	NR	0.01 f/cc (ASD); NR;
Ha et al. 2017 HERO ID: 6885685 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $>5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in classrooms in small-scale preschools (n = 41; DF = NR; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	0.002 f/cc	0.031 f/cc	0.01 f/cc (AM)	NR	0.008 f/cc (ASD); NR;
Ha et al. 2017 HERO ID: 6885685 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $>5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in bathrooms in small-scale preschools (n = 7; DF = NR; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	0.006 f/cc	0.026 f/cc	0.012 f/cc (AM)	NR	0.007 f/cc (ASD); NR;
Ha et al. 2017 HERO ID: 6885685 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $>5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in lounge in small-scale preschools (n = 3; DF = NR; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	0.004 f/cc	0.022 f/cc	0.013 f/cc (AM)	NR	0.009 f/cc (ASD); NR;
Ha et al. 2017 HERO ID: 6885685 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $>5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in kitchen in small-scale preschools (n = 3; DF = NR; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	0.002 f/cc	0.003 f/cc	0.003 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Ha et al. 2017 HERO ID: 6885685 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $>5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in corridor in small-scale preschools (n = 3; DF = NR; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	0.009 f/cc	0.011 f/cc	0.01 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Ha et al. 2017 HERO ID: 6885685 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $>5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in other rooms in small-scale preschools (n = 21; DF = NR; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.04 f/cc	0.007 f/cc (AM)	NR	0.008 f/cc (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Ha et al. 2017 HERO ID: 6885685 * <i>OQD: Medium</i>	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in small-scale preschools constructed during 1981-1990 (n = 13; DF = 0.08; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00056 s/cc (AM)	NR	NR; NR;	
Ha et al. 2017 HERO ID: 6885685 * <i>OQD: Medium</i>	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in small-scale preschools constructed during 1991-2000 (n = 26; DF = 0.04; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00014 s/cc (AM)	NR	NR; NR;	
Ha et al. 2017 HERO ID: 6885685 * <i>OQD: Medium</i>	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in small-scale preschools constructed before or during 1980 (n = 2; DF = 0; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Ha et al. 2017 HERO ID: 6885685 * <i>OQD: Medium</i>	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ Seoul, KR Scenario: Indoor air in small-scale preschools constructed during or after 2000 (n = 5; DF = 0; Sampling Period: Apr., 2015 - Dec., 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD: High</i>	Fiber Type: General; Size: $> 0.8 \mu\text{m}$ Corvallis, OR, US Scenario: Indoor air from abated area (room 155) in non-aggressive sampling conditions - PCM (n = 3; DF = 0.666; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [0.007 f/cm ³ ; 0.002 f/cm ³ ; <0.002 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD: High</i>	Fiber Type: General; Size: $> 0.4 \mu\text{m}$ Corvallis, OR, US Scenario: Indoor air from abated area (room 155) in non-aggressive sampling conditions - TEM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.006 f/cm ³ ; 0.016 f/cm ³ ; 0.01 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD: High</i>	Fiber Type: General; Size: $> 0.8 \mu\text{m}$ Corvallis, OR, US Scenario: Indoor air from abated area (room 155) in aggressive sampling conditions - PCM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [0.002 f/cm ³ ; 0.01 f/cm ³ ; 0.007 f/cm ³]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 155) in aggressive sampling conditions - TEM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.017 f/cm ³ ; 0.041 f/cm ³ ; 0.024 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 157) in non-aggressive sampling conditions - PCM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [0.008 f/cm ³ ; 0.006 f/cm ³ ; 0.01 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 157) in non-aggressive sampling conditions - TEM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.018 f/cm ³ ; 0.017 f/cm ³ ; 0.012 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 157) in aggressive sampling conditions - PCM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [0.037 f/cm ³ ; 0.048 f/cm ³ ; 0.035 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 157) in aggressive sampling conditions - TEM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.041 f/cm ³ ; 0.104 f/cm ³ ; 0.059 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 159) in non-aggressive sampling conditions - PCM (n = 3; DF = 0.333; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [<0.002 f/cm ³ ; <0.002 f/cm ³ ; 0.004 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 159) in non-aggressive sampling conditions - TEM (n = 3; DF = 0.666; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [<0.005 f/cm ³ ; 0.006 f/cm ³ ; 0.011 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 159) in aggressive sampling conditions - PCM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [0.045 f/cm ³ ; 0.045 f/cm ³ ; 0.057 f/cm ³]					

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U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 159) in aggressive sampling conditions - TEM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.06 f/cm ³ ; 0.025 f/cm ³ ; 0.022 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 173) in non-aggressive sampling conditions - PCM (n = 2; DF = 0.5; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [<0.002 f/cm ³ ; 0.002 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 173) in non-aggressive sampling conditions - TEM (n = 1; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.011 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 173) in aggressive sampling conditions - PCM (n = 2; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [0.044 f/cm ³ ; 0.003 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 173) in aggressive sampling conditions - TEM (n = 1; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.006 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 152) in non-aggressive sampling conditions - PCM (n = 2; DF = 0.5; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [<0.002 f/cm ³ ; 0.002 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 152) in non-aggressive sampling conditions - TEM (n = 1; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 f/cm ³ LOQ: Not Reported	POINT VALUE(S): [0.002 f/cm ³ ; 0.012 f/cm ³]					
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 152) in aggressive sampling conditions - PCM (n = 2; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³	POINT VALUE(S): [0.17 f/cm ³ ; 0.18 f/cm ³]					

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U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 152) in aggressive sampling conditions - TEM (n = 1; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 LOQ: Not Reported				POINT VALUE(S): [0.135 f/cm ³]	
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 205) in non-aggressive sampling conditions - PCM (n = 3; DF = 0.333; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³				POINT VALUE(S): [<0.002 f/cm ³ ; <0.002 f/cm ³ ; 0.005 f/cm ³]	
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 205) in non-aggressive sampling conditions - TEM (n = 1; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 f/cm ³ LOQ: Not Reported				POINT VALUE(S): [0.024 f/cm ³]	
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.8 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 205) in aggressive sampling conditions - PCM (n = 3; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.002 f/cm ³ LOQ: 0.023 f/cm ³				POINT VALUE(S): [0.01 f/cm ³ ; 0.008 f/cm ³ ; 0.01 f/cm ³]	
U.S. EPA et al. 1986 HERO ID: 6892380 * <i>OQD:</i> High	Fiber Type: General; Size: >0.4 µm Corvallis, OR, US Scenario: Indoor air from abated area (room 205) in aggressive sampling conditions - TEM (n = 1; DF = 1; Sampling Period: Aug., 1984 - Oct., 1985)	LOD: 0.005688 LOQ: Not Reported				POINT VALUE(S): [0.032 f/cm ³]	
Sumner et al. 1979 HERO ID: 6893367 * <i>OQD:</i> Medium	Fiber Type: General; Size: >0.4 µm Washington, DC, US Scenario: Indoor air from underground train stations, red line (n = 6; DF = 0.5; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [0.000002 f/cc; 0.000002 f/cc; 0.000003 f/cc; ND; ND; ND]	
Sumner et al. 1979 HERO ID: 6893367 * <i>OQD:</i> Medium	Fiber Type: General; Size: >0.4 µm Washington, DC, US Scenario: Indoor air from underground train stations, blue line (n = 16; DF = 0.6875; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [0.000002 f/cc; 0.000002 f/cc; 0.000001 f/cc; 0.000001 f/cc; 0.000001 f/cc; 0.000001 f/cc; 0.000001 f/cc; 0.000003 f/cc; 0.000005 f/cc; 0.000004 f/cc; 0.000005 f/cc; ND; ND; ND; ND; ND]	
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at perimeter of pre-abatement area of university site 1 (n = 12; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0052 s/cm ³ (AM)	NR	0.0035 s/cm ³ (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at perimeter of pre-abatement area of university site 2 (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.003 s/cm ³ (AM)	NR	0.003 s/cm ³ (ASD); NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at perimeter of pre-abatement area of university site 3 (n = 3; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0008 s/cm ³ (AM)	NR	0.001 s/cm ³ (ASD); NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at work area of pre-abatement area of university site 1 (n = 10; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0091 s/cm ³ (AM)	NR	0.0053 s/cm ³ (ASD); NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at work area of pre-abatement area of university site 2 (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0367 s/cm ³ (AM)	NR	0.0739 s/cm ³ (ASD); NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at work area of pre-abatement area of university site 3 (n = 8; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0001 s/cm ³ (AM)	NR	0 s/cm ³ (ASD) ; NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at perimeter of post-abatement area of university site 1 (n = 5; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0057 s/cm ³ (AM)	NR	0.0046 s/cm ³ (ASD); NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at perimeter of post-abatement area of university site 2 (n = 7; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.241 s/cm ³ (AM)	NR	0.1495 s/cm ³ (ASD); NR;
Kominsky et al. 1989 HERO ID: 6900979 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Indoor air at perimeter of post-abatement area of university site 3 (n = 2; DF = NR; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0028 s/cm ³ (AM)	NR	0.0039 s/cm ³ (ASD); NR;

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Indoor Air

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Hatfield et al. 1988 HERO ID: 6912224 * OQD: Medium	Fiber Type: General; Size: 1 μ m US Scenario: Indoor air from 6 buildings without asbestos-containing materials (n = 6; DF = NR; Sampling Period: May, 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00099 s/cc (AM)	50th: 0.0001 s/cc;	0.00198 s/cc (ASD); NR;
Hatfield et al. 1988 HERO ID: 6912224 * OQD: Medium	Fiber Type: General; Size: 1 μ m US Scenario: Indoor air from 6 buildings in good condition and with asbestos-containing materials (n = 6; DF = NR; Sampling Period: May, 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00059 s/cc (AM)	50th: 0.0004 s/cc;	0.00052 s/cc (ASD); NR;
Hatfield et al. 1988 HERO ID: 6912224 * OQD: Medium	Fiber Type: General; Size: 1 μ m US Scenario: Indoor air from 37 buildings with damaged areas containing asbestos materials (n = 6; DF = NR; Sampling Period: May, 1988)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00073 s/cc (AM)	50th: 0.00058 s/cc;	0.00072 s/cc (ASD); NR;
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Vallica, Corsica, France; Ville Di Paraso, Corsica, France; Bastellica, Corsica, France; Tolla, Corsica, France, FR Scenario: Indoor air from villages in North Western Corsica (n = 4; DF = 1; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.1 ng/m ³ ; 0.1 ng/m ³ ; 0.3 ng/m ³ ; 1.9 ng/m ³]				
Billon-Galland et al. 1988 HERO ID: 6917343 * OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine), Tremolite; Size: NR Murato, Corsica, France; Rutali, Corsica, France; Campile, Corsica, France; Moita, Corsica, France, FR Scenario: Indoor air from villages in North Eastern Corsica (n = 4; DF = 1; Sampling Period: 1988)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [183 ng/m ³ ; 7 ng/m ³ ; 8 ng/m ³ ; 97 ng/m ³]				

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Other

Table 6: Data Extraction Tables of Exposure Monitoring Studies for Other

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Ewing et al. 1999 HERO ID: 5685 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Outdoor surface dust outside of buildings (n = 79; DF = NR; Sampling Period: 1997)	LOD: Not Reported LOQ: Not Reported	<400 s/cm2	140000 s/cm2	5100 s/cm2 (GM)	NR	NR; NR;	
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: <5 µm Libby, MT, US Scenario: Clothing wipe for chain saw operator - TEM <5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	POINT VALUE(S): [100123 f/cm2; 4830 f/cm2; 15848 f/cm2]					
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: <5 µm Libby, MT, US Scenario: Clothing wipe for operator assistant - TEM <5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	POINT VALUE(S): [108905 f/cm2; 5709 f/cm2; 14134 f/cm2]					
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: <5 µm Libby, MT, US Scenario: Clothing wipe for wood stacker 1 - TEM <5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	POINT VALUE(S): [16863 f/cm2; 5709 f/cm2; 14135 f/cm2]					
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: <5 µm Libby, MT, US Scenario: Clothing wipe for wood stacker 2 - TEM <5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	POINT VALUE(S): [6324 f/cm2; 6587 f/cm2; 27140 f/cm2]					
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Clothing wipe for chain saw operator - TEM >5µm (n = 3; DF = 0.67; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	POINT VALUE(S): [3726 f/cm2; 878 f/cm2; 4953 f/cm2]					
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Clothing wipe for operator assistant - TEM >5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	POINT VALUE(S): [3513 f/cm2; 439 f/cm2; 2827 f/cm2]					
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Clothing wipe for wood stacker 1 - TEM >5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	POINT VALUE(S): [2108 f/cm2; 439 f/cm2; 3392 f/cm2]					
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Clothing wipe for wood stacker 2 - TEM >5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	POINT VALUE(S): [2108 f/cm2; 439 f/cm2; 6785 f/cm2]					

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Other

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, MT, US Scenario: Clothing wipe for pre-harvest outer layer Tyvek sample - TEM all sizes (n = Not Reported; DF = 0; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 878 s/cm2 LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Hart et al. 2009 HERO ID: 711563 <i>OQD:</i> Medium	Fiber Type: General; Size: <5 µm Libby, Montana, US Scenario: Clothing wipes from walking through forested area near vermiculite mine (TEM, <5 µm) (n = 5; DF = 0.2; Sampling Period: Jul., 2008)	LOD: 448 s/cm2 LOQ: 896 s/cm2	NR	NR	179 s/cm2 (AM)	NR	NR; NR;
Hart et al. 2009 HERO ID: 711563 <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, Montana, US Scenario: Clothing wipes from walking through forested area near vermiculite mine (TEM, >5 µm) (n = 5; DF = 0; Sampling Period: Jul., 2008)	LOD: 448 s/cm2 LOQ: 896 s/cm2	NR	NR	ND	NR	NR; NR;
Ward et al. 2012 HERO ID: 2187683 <i>OQD:</i> Medium	Fiber Type: General; Size: < 5 µm Lincoln County, Montana, US Scenario: Clothing wipes from firewood harvesting trial for fibers <5 µm (n = 14; DF = 1; Sampling Period: 2006)	LOD: Not Reported LOQ: Not Reported	5000 s/cm2	109000 s/cm2	NR	NR	NR; NR;
Ward et al. 2012 HERO ID: 2187683 <i>OQD:</i> Medium	Fiber Type: General; Size: > 5 µm Lincoln County, Montana, US Scenario: Clothing wipes from firewood harvesting trial for fibers >5 µm (n = 14; DF = 1; Sampling Period: 2006)	LOD: Not Reported LOQ: Not Reported	400 s/cm2	5000 s/cm2	NR	NR	NR; NR;
Ward et al. 2012 HERO ID: 2187683 <i>OQD:</i> Medium	Fiber Type: General; Size: < 5 µm Lincoln County, Montana, US Scenario: Clothing wipes from forest service occupational trails for fibers <5 µm (n = 23; DF = 0.52; Sampling Period: Summer, 2008)	LOD: Not Reported LOQ: Not Reported	<LOD	1800 s/cm2	NR	NR	NR; NR;
Ward et al. 2012 HERO ID: 2187683 <i>OQD:</i> Medium	Fiber Type: General; Size: > 5 µm Lincoln County, Montana, US Scenario: Clothing wipes from forest service occupational trails for fibers >5 µm (n = 23; DF = 0.52; Sampling Period: Summer, 2008)	LOD: Not Reported LOQ: Not Reported	<LOD	1800 s/cm2	NR	NR	NR; NR;
Ward et al. 2012 HERO ID: 2187683 <i>OQD:</i> Medium	Fiber Type: General; Size: < 5 µm Lincoln County, Montana, US Scenario: Clothing wipes from forest service controlled burns trails for fibers <5 µm (n = 4; DF = 1; Sampling Period: Jul., 2009)	LOD: Not Reported LOQ: Not Reported	600 s/cm2	2500 s/cm2	NR	NR	NR; NR;

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Other

Table 6 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ward et al. 2012 HERO ID: 2187683 <i>OQD:</i> Medium	Fiber Type: General; Size: > 5 µm Lincoln County, Montana, US Scenario: Clothing wipes from forest service controlled burns trails for fibers >5 µm (n = 4; DF = 1; Sampling Period: Jul., 2009)	LOD: Not Reported LOQ: Not Reported	<LOD	1900 s/cm2	NR	NR	NR; NR;
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from unpaved areas in Castro Valley Creek reaches (n = 4; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [77000000 f/g; 110000000 f/g; 730000000 f/g; 540000000 f/g]				
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Anthophyllite,Tremolite,Actinolite; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from unpaved areas in Castro Valley Creek reaches (n = 4; DF = 0; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<1800000 f/g; <7900000 f/g; <16000000 f/g; <1900000 f/g]				
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: General; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from unpaved areas in Castro Valley Creek reaches (n = 4; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.1 µg/g; 1.2 µg/g; 10 µg/g; 1.8 µg/g]				
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from paved areas in Castro Valley Creek reaches (n = 2; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [830000000 f/g; 540000000 f/g]				
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Anthophyllite,Tremolite,Actinolite; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from paved areas in Castro Valley Creek reaches (n = 2; DF = 0.5; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<6800000 f/g; 1200000 f/g]				
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: General; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from paved areas in Castro Valley Creek reaches (n = 2; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [16 µg/g; 1.8 µg/g]				
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from rooftop (n = 4; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1200000000 f/g; 1900000000 f/g; 3030000000 f/g; 6700000000 f/g]				

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Other

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Anthophyllite,Tremolite,Actinolite; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from rooftop (n = 4; DF = 0; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [<21000000 f/g; <20000000 f/g; <4000000 f/g; <14000000 f/g]	
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: General; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from rooftop (n = 4; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [17.9 µg/g; 48 µg/g; 2.9 µg/g; 8.8 µg/g]	
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from street surface (n = 4; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [825000000 f/g; 413000000 f/g; 1270000000 f/g; 3630000000 f/g]	
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Anthophyllite,Tremolite,Actinolite; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from street surface (n = 4; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [6000000 f/g; 18000000 f/g; 23000000 f/g; 220000000 f/g]	
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: General; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from street surface (n = 4; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [13.6 µg/g; 26 µg/g; 16 µg/g; 31 µg/g]	
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from street surface, Fall sample (n = 1; DF = 1; Sampling Period: Sept., 1979 - Oct., 1979)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [73000000 f/g]	
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Anthophyllite,Tremolite,Actinolite; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from street surface, Fall sample (n = 1; DF = 0; Sampling Period: Sept., 1979 - Oct., 1979)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [<1100000 f/g]	
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: General; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Outdoor dust from street surface, Fall sample (n = 1; DF = 1; Sampling Period: Sept., 1979 - Oct., 1979)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [1.2 µg/g]	
Manos et al. 1993 HERO ID: 3581417 <i>OOD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Central New York State, US Scenario: Sewage sludge compost from WWTPs (n = 10; DF = 0.9; Sampling Period: Oct., 1991)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [<1-1 %; NFAD %; 2-Jan %; Trace %; 4-Mar %; 3-Jan %; <1-1 %; Trace %; <1-1 %; 2-Jan %]	

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Other

Table 6 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Manos et al. 1993 HERO ID: 3581417 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Central New York State, US Scenario: Yard waste compost from area with population of 40,000 (n = 10; DF = 0.1; Sampling Period: Oct., 1991)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [NFAD %; NFAD %; NFAD %; NFAD %; NFAD %; NFAD %; NFAD %; NFAD %; NFAD %; <1 %]					
Saito et al. 1991 HERO ID: 6866852 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Western Tokyo, JP Scenario: Piled particulate matter from National highway No. 246 (n = 7; DF = 1; Sampling Period: May, 1989)	LOD: Not Reported LOQ: Not Reported	0.36 mg/g	2.1 mg/g	0.99 mg/g (AM)	NR	NR; NR;	
Saito et al. 1991 HERO ID: 6866852 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Western Tokyo, JP Scenario: Piled particulate matter from loop line No. 7 (n = 4; DF = 1; Sampling Period: May, 1989)	LOD: Not Reported LOQ: Not Reported	0.2 mg/g	3 mg/g	1 mg/g (AM)	NR	NR; NR;	
Saito et al. 1991 HERO ID: 6866852 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Western Tokyo, JP Scenario: Piled particulate matter from loop line No. 8 (n = 3; DF = 1; Sampling Period: May, 1989)	LOD: Not Reported LOQ: Not Reported	1.5 mg/g	3.1 mg/g	2.3 mg/g (AM)	NR	NR; NR;	
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Morenci, AZ, US Scenario: Tailings Launder and Basins at Phelps Dodge Copper Mine (n = 2; DF = 0; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<2.5 f/cc; <0.0057 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Ross mine pumps (20% of process water, pumped from mine) at Homestake Mine (n = 7; DF = 0.57; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.0011 f/cc; <0.0011 f/cc; <0.0009 f/cc; 0.042 f/cc; 0.13 f/cc; 0.41 f/cc; 0.27 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Slime plant tails at Homestake Mine (n = 5; DF = 0.6; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<4.2 f/cc; <1.5 f/cc; 57 f/cc; 280 f/cc; 260 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Sand feed (ore slurry) to extraction vats at Homestake Mine (n = 5; DF = 0.4; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.39 f/cc; <0.45 f/cc; 8.6 f/cc; 3.8 f/cc; <0.063 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Extraction vat drain effluent at Homestake Mine (n = 6; DF = 0; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00008 f/cc; <0.00071 f/cc; <0.00071 f/cc; <0.00042 f/cc; <0.00043 f/cc; <0.00064 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Clean overflow from Dorr thickeners to settling pond at Homestake Mine (n = 5; DF = 0.4; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0033 f/cc; <0.0022 f/cc; 0.1 f/cc; 0.082 f/cc; <0.0013 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Mill make up water from 2nd settling pond at W.R. Grace Zonolite site (n = 5; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.7 f/cc; 1.6 f/cc; 0.38 f/cc; 0.71 f/cc; 0.96 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Coarse tailings at top of hill at W.R. Grace Zonolite site (n = 4; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [27 f/cc; 150 f/cc; 90 f/cc; 160 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Fine tailings as they enter 1st settling pond at W.R. Grace Zonolite site (n = 2; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [970 f/cc; 700 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Effluent from 1st settling pond, leaving clarifier outlet pipe at W.R. Grace Zonolite site (n = 3; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.81 f/cc; 0.16 f/cc; 1.2 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Water entering 2nd settling pond at W.R. Grace Zonolite site (n = 3; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.84 f/cc; 0.85 f/cc; 0.86 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Gouverneur, NY, US Scenario: Mill effluent - mainly condensate cooling water from boilers at Gouverneur Talc Mine (n = 3; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.23 f/cc; 0.21 f/cc; 0.0084 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Gouverneur, NY, US Scenario: Mill effluent - mainly condensate cooling water from boilers at Gouverneur Talc Mine (n = 3; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.31 f/cc; 0.064 f/cc; 0.082 f/cc]					

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Other

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Gouverneur, NY, US Scenario: Drainage water from No.1 deep mine at Gouverneur Talc Mine (n = 2; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0022 f/cc; 0.32 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Gouverneur, NY, US Scenario: Drainage water from No.1 deep mine at Gouverneur Talc Mine (n = 3; DF = 0.667; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.017 f/cc; 0.03 f/cc; <0.00013 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Gouverneur, NY, US Scenario: Drainage water from No.2 open pit mine at Gouverneur Talc Mine (n = 4; DF = 0.25; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00008 f/cc; <0.00013 f/cc; <0.00013 f/cc; 0.054 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Gouverneur, NY, US Scenario: Drainage water from old No.3 mine at Gouverneur Talc Mine (n = 3; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0019 f/cc; 0.032 f/cc; 0.0059 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Gouverneur, NY, US Scenario: Drainage water from old No.3 mine at Gouverneur Talc Mine (n = 3; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.028 f/cc; >1000000 f/cc; >1000000 f/cc]					
Shaheen et al. 1975 HERO ID: 6895503 * <i>OQD:</i> Medium	Fiber Type: General; Size: between 5 and 100 microns Washington D.C., US Scenario: Dust and dirt from city roadways (n = 127; DF = NR; Sampling Period: Jul., 1972 - Jul., 1973)	LOD: Not Reported LOQ: Not Reported	NR	NR	360000 f/g (AM)	NR	NR; NR;	

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Personal Inhalation

Table 7: Data Extraction Tables of Exposure Monitoring Studies for Personal Inhalation

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: NR Libby, MT, US Scenario: PBZ for chain saw operators - PCM (n = 3; DF = NR; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.72 f/mL (AM)	NR	1.06 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: NR Libby, MT, US Scenario: PBZ for operator assistant - PCM (n = 3; DF = NR; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.26 f/mL (AM)	NR	0.32 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: NR Libby, MT, US Scenario: PBZ for wood stacker 1 - PCM (n = 3; DF = NR; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.07 f/mL (AM)	NR	0.06 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: NR Libby, MT, US Scenario: PBZ for wood stacker 2 - PCM (n = 3; DF = NR; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.12 f/mL (AM)	NR	0.1 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: <5 µm Libby, MT, US Scenario: PBZ for chain saw operators - TEM <5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 0.009-0.01 s/mL LOQ: Not Reported	NR	NR	0.07 f/mL (AM)	NR	0.03 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: <5 µm Libby, MT, US Scenario: PBZ for operator assistant - TEM <5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 0.009-0.01 s/mL LOQ: Not Reported	NR	NR	0.26 f/mL (AM)	NR	0.37 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: <5 µm Libby, MT, US Scenario: PBZ for wood stacker 1 - TEM <5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 0.009-0.01 s/mL LOQ: Not Reported	NR	NR	0.09 f/mL (AM)	NR	0.12 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: <5 µm Libby, MT, US Scenario: PBZ for wood stacker 2 - TEM <5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 0.009-0.01 s/mL LOQ: Not Reported	NR	NR	0.19 f/mL (AM)	NR	0.24 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: PBZ for chain saw operators - TEM >5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 0.009-0.01 s/mL LOQ: Not Reported	NR	NR	0.04 f/mL (AM)	NR	0.03 f/mL (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: PBZ for operator assistant - TEM >5µm (n = 3; DF = 1; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 0.009-0.01 s/mL LOQ: Not Reported	NR	NR	0.14 f/mL (AM)	NR	0.14 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: PBZ for wood stacker 1 - TEM >5µm (n = 3; DF = 0.33; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 0.009-0.01 s/mL LOQ: Not Reported	NR	NR	0.04 f/mL (AM)	NR	0.05 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: PBZ for wood stacker 2 - TEM >5µm (n = 3; DF = 0.67; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: 0.009-0.01 s/mL LOQ: Not Reported	NR	NR	0.05 f/mL (AM)	NR	0.07 f/mL (ASD); NR;
Hart et al. 2007 HERO ID: 709489 OQD: High	Fiber Type: General; Size: NR Missoula, MT, US Scenario: PBZ from control trial - PCM (n = Not Reported; DF = NR; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: Not Reported LOQ: Not Reported	0.01 f/mL	0.02 f/mL	NR	NR	NR; NR;
Hart et al. 2009 HERO ID: 711563 OQD: Medium	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Personal inhalation from walking through forested area near vermiculite mine (PCM) (n = 4; DF = 1; Sampling Period: Jul., 2008)	LOD: 0.009 f/mL LOQ: 0.19 f/mL	NR	NR	0.024 f/mL (AM)	NR	NR; NR;
Hart et al. 2009 HERO ID: 711563 OQD: Medium	Fiber Type: General; Size: >5 µm Libby, Montana, US Scenario: Personal inhalation from walking through forested area near vermiculite mine (TEM, >5 µm) (n = 4; DF = 0; Sampling Period: Jul., 2008)	LOD: 0.0123 s/mL LOQ: 0.0367 s/mL	NR	NR	ND	NR	NR; NR;
Hart et al. 2009 HERO ID: 711563 OQD: Medium	Fiber Type: General; Size: <5 µm Libby, Montana, US Scenario: Personal inhalation from walking through forested area near vermiculite mine (TEM, <5µm) (n = 4; DF = 0; Sampling Period: Jul., 2008)	LOD: 0.0123 s/mL LOQ: 0.0367 s/mL	NR	NR	ND	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cleaning stored items in an attic with ZAI at the perimeter only - PCM (n = 12; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.54 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cleaning stored items in an attic with ZAI at the perimeter only - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.002 s/cc LOQ: Not Reported	NR	NR	<0.42 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cleaning stored items in an attic with ZAI at the perimeter only - TEM >5um (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.002 s/cc LOQ: Not Reported	NR	NR	<0.42 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cleaning storage areas in an attic fully insulated with ZAI - PCM (n = 12; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.87 f/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cleaning storage areas in an attic fully insulated with ZAI - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.005 s/cc LOQ: Not Reported	NR	NR	4 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cleaning storage areas in an attic fully insulated with ZAI - TEM>5um (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.005 s/cc LOQ: Not Reported	NR	NR	2.58 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cutting a hole in the ceiling of a living space below ZAI attic insulation - PCM (n = 16; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	5.8 f/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cutting a hole in the ceiling of a living space below ZAI attic insulation - TEM total (n = 16; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.48 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when cutting a hole in the ceiling of a living space below ZAI attic insulation - TEM>5um (n = 16; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.32 s/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when moving ZAI using WRG method (the manufacturer method) - PCM (n = 12; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	12.5 f/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when moving ZAI using WRG method (the manufacturer method) - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.002 s/cc LOQ: Not Reported	NR	NR	6.29 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when moving ZAI using WRG method (the manufacturer method) - TEM>5um (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.002 s/cc LOQ: Not Reported	NR	NR	4.85 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when moving ZAI using a homeowner method - PCM (n = 12; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	14.4 f/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when moving ZAI using a homeowner method - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.003 s/cc LOQ: Not Reported	NR	NR	13 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when moving ZAI using a homeowner method - TEM>5um (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.003 s/cc LOQ: Not Reported	NR	NR	10.3 s/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when removing ZAI from the top of wall cavities with a shop vacuum - PCM (n = 12; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.9 f/cc (AM)	NR	NR; NR;
Ewing et al. 2010 HERO ID: 758916 OQD: Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when removing ZAI from the top of wall cavities with a shop vacuum - TEM total (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.0016 s/cc LOQ: Not Reported	NR	NR	1.47 s/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ewing et al. 2010 HERO ID: 758916 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Spokane, WA; Silver Spring, MD, US Scenario: Personal air when removing ZAI from the top of wall cavities with a shop vacuum - TEM>5um (n = 12; DF = NR; Sampling Period: 2010)	LOD: 0.0016 s/cc LOQ: Not Reported	NR	NR	0.98 s/cc (AM)	NR	NR; NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Personal air in buildings - all asbestos structures (n = 111; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.01642 s/mL (AM)	NR	0.06415 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Personal air in buildings - AHERA structures (n = 111; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.01266 s/mL (AM)	NR	0.06287 s/mL (ASD); NR;
Lee et al. 2008 HERO ID: 2604527 <i>OQD:</i> Medium	Fiber Type: General; Size: NR US Scenario: Personal air in buildings - all asbestos structures by mass concentration (n = 111; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	4.39 ng/m ³ (AM)	NR	37.01 ng/m ³ (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 1 (n = 4; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.044 f/cc	0.046 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 2 (n = 6; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.044 f/cc	0.045 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 3 (n = 13; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.044 f/cc	0.561 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 4 (n = 5; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.043 f/cc	0.045 f/cc	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 5 - AST (n = 18; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.043 f/cc	0.413 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 5 - BST (n = 20; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.043 f/cc	0.413 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 6 (n = 23; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.043 f/cc	0.099 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 7 (n = 30; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.043 f/cc	0.17 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 8 (n = 29; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.044 f/cc	0.18 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during working activities for 30-min on day 9 (n = 9; DF = 1; Sampling Period: Jun., 2003)	LOD: <0.043 f/cc LOQ: Not Reported	<0.045 f/cc	0.045 f/cc	NR	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during band brake removal - PCM (n = 17; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.043 f/cc	0.077 f/cc	0.048 f/cc (AM)	NR	0.01 f/cc (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during band brake removal - TEM (n = 17; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.043 f/cc	0.058 f/cc	0.045 f/cc (AM)	NR	0.044 f/cc (ASD) ; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during removal of rivets and friction lining from brake band or brake shoe - PCM (n = 4; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.044 f/cc	0.044 f/cc	0.044 f/cc (AM)	NR	0 f/cc (ASD) ; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during removal of rivets and friction lining from brake band or brake shoe - TEM (n = 4; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.044 f/cc	0.044 f/cc	0.044 f/cc (AM)	NR	0 f/cc (ASD) ; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during cutting band with abrasive disc - PCM (n = 2; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.049 f/cc	0.561 f/cc	0.305 f/cc (AM)	NR	0.362 f/cc (ASD) ; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during cutting band with abrasive disc - TEM (n = 2; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.049 f/cc	0.561 f/cc	0.305 f/cc (AM)	NR	0.362 f/cc (ASD) ; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during removal of disc brake assembly - PCM (n = 5; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.044 f/cc	0.044 f/cc	0.044 f/cc (AM)	NR	0 f/cc (ASD) ; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during removal of disc brake assembly - TEM (n = 5; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.044 f/cc	0.044 f/cc	0.044 f/cc (AM)	NR	0 f/cc (ASD) ; NR;

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Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during brake replacement and adjustment - PCM (n = 28; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.043 f/cc	0.104 f/cc	0.047 f/cc (AM)	NR	0.012 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during brake replacement and adjustment - TEM (n = 28; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.043 f/cc	0.045 f/cc	0.044 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during rivet replacement of friction lining to bands or shoes - PCM (n = 4; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.043 f/cc	0.044 f/cc	0.044 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during rivet replacement of friction lining to bands or shoes - TEM (n = 4; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.043 f/cc	0.044 f/cc	0.044 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during drilling of brake lining - PCM (n = 1; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.038 f/cc (AM)	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during drilling of brake lining - TEM (n = 1; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.038 f/cc (AM)	NR	NR; NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during clutch removal, preplacement and adjustment - PCM (n = 28; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.043 f/cc	0.201 f/cc	0.079 f/cc (AM)	NR	0.05 f/cc (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during clutch removal, preplacement and adjustment - TEM (n = 28; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.043 f/cc	0.099 f/cc	0.048 f/cc (AM)	NR	0.013 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during rivet removal from drive and driven plates - PCM (n = 2; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.19 f/cc	0.23 f/cc	0.21 f/cc (AM)	NR	0.028 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during rivet removal from drive and driven plates - TEM (n = 2; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.15 f/cc	0.184 f/cc	0.167 f/cc (AM)	NR	0.024 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during cleaning, scraping compressed air cleaning of drive and driven plates - PCM (n = 4; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.151 f/cc	0.211 f/cc	0.18 f/cc (AM)	NR	0.026 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during cleaning, scraping compressed air cleaning of drive and driven plates - TEM (n = 4; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.15 f/cc	0.211 f/cc	0.17 f/cc (AM)	NR	0.029 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during rivet replacement of friction linings to drive and driven plates - PCM (n = 6; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.048 f/cc	0.207 f/cc	0.156 f/cc (AM)	NR	0.056 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during rivet replacement of friction linings to drive and driven plates - TEM (n = 6; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.044 f/cc	0.207 f/cc	0.127 f/cc (AM)	NR	0.069 f/cc (ASD); NR;

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Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during removal of head/exhaust and intake manifold/water manifold gaskets - PCM (n = 13; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.044 f/cc	0.048 f/cc	0.045 f/cc (AM)	NR	0.001 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during removal of head/exhaust and intake manifold/water manifold gaskets - TEM (n = 13; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.044 f/cc	0.045 f/cc	0.044 f/cc (AM)	NR	0 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during scraping/power cleaning of engine head, engine block, and manifold surfaces - PCM (n = 13; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.045 f/cc	0.413 f/cc	0.143 f/cc (AM)	NR	0.125 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during scraping/power cleaning of engine head, engine block, and manifold surfaces - TEM (n = 13; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.045 f/cc	0.413 f/cc	0.116 f/cc (AM)	NR	0.114 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during wiping, cleaning parts - PCM (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.045 f/cc	0.199 f/cc	0.065 f/cc (AM)	NR	0.054 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during wiping, cleaning parts - TEM (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.045 f/cc	0.094 f/cc	0.051 f/cc (AM)	NR	0.017 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during use of compressed air to clean engine parts - PCM (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.045 f/cc	0.199 f/cc	0.064 f/cc (AM)	NR	0.054 f/cc (ASD); NR;

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Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during use of compressed air to clean engine parts - TEM (n = 8; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.045 f/cc	0.094 f/cc	0.051 f/cc (AM)	NR	0.017 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during replacement of engine parts and gaskets - PCM (n = 12; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.045 f/cc	0.074 f/cc	0.05 f/cc (AM)	NR	0.01 f/cc (ASD); NR;
Boelter et al. 2007 HERO ID: 3079629 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal air during replacement of engine parts and gaskets - TEM (n = 12; DF = 1; Sampling Period: Jun., 2003)	LOD: Not Reported LOQ: Not Reported	0.045 f/cc	0.045 f/cc	0.045 f/cc (AM)	NR	0 f/cc (ASD); NR;
Finn et al. 1984 HERO ID: 3083557 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ Chicago, IL, US Scenario: Personal air in a commercial asphalt and tar factory (15-minute) (n = 9; DF = 1; Sampling Period: 1978 - 1983)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.3 f/mL; 3.7 f/mL; 3.3 f/mL; 3.2 f/mL; 15.4 f/mL; 15.4 f/mL; 21.8 f/mL; 2.1 f/mL; 0.44 f/mL]				
Finn et al. 1984 HERO ID: 3083557 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Chicago, IL, US Scenario: Personal air in a commercial asphalt and tar factory (TEM, all lengths) (n = 4; DF = 1; Sampling Period: 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [472.5 f/mL; 1.4 f/mL; 331.6 f/mL; 0.8 f/mL]				
Finn et al. 1984 HERO ID: 3083557 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ Chicago, IL, US Scenario: Personal air in a commercial asphalt and tar factory (TEM, $\geq 5\mu\text{m}$) (n = 4; DF = 0.75; Sampling Period: 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [29.3 f/mL; 0.2 f/mL; 4.9 f/mL; ND]				
Finn et al. 1984 HERO ID: 3083557 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: $\geq 5 \mu\text{m}$ Chicago, IL, US Scenario: Personal air in a commercial asphalt and tar factory (PCM) (n = 5; DF = 1; Sampling Period: 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.16 f/mL; 0.003 f/mL; 0.04 f/mL; 0.05 f/mL; 0.0004 f/mL]				

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Ing et al. 1981 HERO ID: 3100287 <i>OQD:</i> Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 1-20 μm Arizona, US Scenario: Personal inhalation from a residence near an as- bestos mill site (n = 5; DF = 1; Sampling Period: Sept., 1981)	LOD: Not Reported LOQ: Not Reported	0.01 f/m ³	0.35 f/m ³	NR	NR	NR; NR;
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpen- tine),Amosite (asbestiform of mineral grunerite); Size: NR US Scenario: Personal air for 30-minute excursion visit at a city school with ceiling panel work (n = 20; DF = 0; Sampling Period: Aug., 2007)	LOD: Not Reported LOQ: 0.045 f/cc	NR	NR	<LOQ	NR	NR; NR;
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpen- tine),Amosite (asbestiform of mineral grunerite); Size: NR US Scenario: Personal air for 30-minute excursion visit at a sub- urban school with ceiling panel work (n = 20; DF = 0; Sampling Period: Aug., 2007)	LOD: Not Reported LOQ: 0.045 f/cc	NR	NR	<LOQ	NR	NR; NR;
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpen- tine),Amosite (asbestiform of mineral grunerite); Size: NR US Scenario: Personal air of bystander observing ceiling panel work in close vicinity at a city school - 8-hour TWA (n = 20; DF = 0; Sampling Period: Aug., 2007)	LOD: Not Reported LOQ: 0.006 f/cc	NR	NR	<LOQ	NR	NR; NR;
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpen- tine),Amosite (asbestiform of mineral grunerite); Size: NR US Scenario: Personal air of bystander observing ceiling panel work in close vicinity at a suburban school - 8-hour TWA (n = 20; DF = 0; Sampling Period: Aug., 2007)	LOD: Not Reported LOQ: 0.006 f/cc	NR	NR	<LOQ	NR	NR; NR;
Mangold et al. 2006 HERO ID: 3531143 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 μm length US Scenario: Personal air from breathing zone of spiral wound gasket workers in 1st 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.005 f/cc (AM)	NR	NR; NR;
Mangold et al. 2006 HERO ID: 3531143 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 μm length US Scenario: Personal air from breathing zone of spiral wound gasket workers in 2nd 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.003 f/cc (AM)	NR	NR; NR;

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Mangold et al. 2006 HERO ID: 3531143 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Personal air from breathing zone of braided gasket workers in 1st 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.005 f/cc (AM)	NR	NR; NR;
Mangold et al. 2006 HERO ID: 3531143 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Personal air from breathing zone of braided gasket workers in 2nd 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.006 f/cc (AM)	NR	NR; NR;
Mangold et al. 2006 HERO ID: 3531143 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Personal air from breathing zone of encapsulated sheet gasket workers in 1st 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.005 f/cc (AM)	NR	NR; NR;
Mangold et al. 2006 HERO ID: 3531143 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: > 5 µm length US Scenario: Personal air from breathing zone of encapsulated sheet gasket workers in 2nd 4 hours (n = 2; DF = NR; Sampling Period: 1982)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.005 f/cc (AM)	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Carpenter personal air samples during renovation activity, <0.05 f/cc (n = 21; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	NR	<0.05 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Carpenter personal air samples during renovation activity, 0.05-0.10 f/cc (n = 25; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.05 f/cc	0.1 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Carpenter personal air samples during renovation activity, 0.11-0.20 f/cc (n = 22; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.11 f/cc	0.2 f/cc	NR	NR	NR; NR;

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Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Carpenter personal air samples during renovation activity, 0.21-0.30 f/cc (n = 9; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.21 f/cc	0.3 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Carpenter personal air samples during renovation activity, 0.31-0.40 f/cc (n = 8; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.31 f/cc	0.4 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Carpenter personal air samples during renovation activity, 0.41-0.50 f/cc (n = 7; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.41 f/cc	0.5 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Carpenter personal air samples during renovation activity, 0.51-1.0 f/cc (n = 7; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.51 f/cc	1 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Carpenter personal air samples during renovation activity, 1.1->2.0 f/cc (n = 6; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	1.1 f/cc	>2.0 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Electrician personal air samples during renovation activity, <0.05 f/cc (n = 5; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	NR	<0.05 f/cc	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Electrician personal air samples during renovation activity, 0.05-0.10 f/cc (n = 11; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.05 f/cc	0.1 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Electrician personal air samples during renovation activity, 0.11-0.20 f/cc (n = 7; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.11 f/cc	0.2 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Electrician personal air samples during renovation activity, 0.21-0.30 f/cc (n = 5; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.21 f/cc	0.3 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Electrician personal air samples during renovation activity, 0.31-0.50 f/cc (n = 3; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.31 f/cc	0.5 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Electrician personal air samples during renovation activity, 1.1->2.0 f/cc (n = 4; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	1.1 f/cc	>2.0 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Sheet-metal worker personal air samples during renovation activity, 0.05-0.10 f/cc (n = 10; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.05 f/cc	0.1 f/cc	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Sheet-metal worker personal air samples during renovation activity, 0.11-0.20 f/cc (n = 10; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.11 f/cc	0.2 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Sheet-metal worker personal air samples during renovation activity, 0.21-0.30 f/cc (n = 5; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.21 f/cc	0.3 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Sheet-metal worker personal air samples during renovation activity, 0.31-0.40 f/cc (n = 2; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.31 f/cc	0.4 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Sheet-metal worker personal air samples during renovation activity, 0.51-1.0 f/cc (n = 2; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.51 f/cc	1 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Sheet-metal worker personal air samples during renovation activity, 1.1-2.0 f/cc (n = 2; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	1.1 f/cc	2 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Sheet-metal worker personal air samples during renovation activity, >2.0 f/cc (n = 3; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	>2.0 f/cc	NR	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Sheet-metal worker personal air samples during renovation activity, 0.41-0.50 f/cc (n = 3; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.41 f/cc	0.5 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Painter personal air samples during renovation activity, <0.05 f/cc (n = 2; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	NR	<0.05 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Painter personal air samples during renovation activity, 0.05-0.10 f/cc (n = 3; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.05 f/cc	0.1 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Painter personal air samples during renovation activity, 0.11-0.30 f/cc (n = 2; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.11 f/cc	0.3 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Personal air samples during dry method removal activity, <0.1-0.5 f/cc (n = 4; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	<0.1 f/cc	0.5 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Personal air samples during dry method removal activity, 0.6-1.0 f/cc (n = 3; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.6 f/cc	1 f/cc	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Personal air samples during dry method removal activity, 1.1-2.0 f/cc (n = 4; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	1.1 f/cc	2 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Personal air samples during dry method removal activity, 2.1-10.0 f/cc (n = 20; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	2.1 f/cc	10 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Personal air samples during dry method removal activity, 11.0-20.0 f/cc (n = 14; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	11 f/cc	20 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Personal air samples during dry method removal activity, 21.0-30.0 f/cc (n = 11; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	21 f/cc	30 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Personal air samples during dry method removal activity, 31.0-40.0 f/cc (n = 4; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	31 f/cc	40 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;, US Scenario: Personal air samples during dry method removal activity, 41.0-50.0 f/cc (n = 6; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	41 f/cc	50 f/cc	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;., US Scenario: Personal air samples during dry method removal activity, 51.0-100.0 f/cc (n = 10; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	51 f/cc	100 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;., US Scenario: Personal air samples during dry method removal activity, 101.0-200.0 f/cc (n = 3; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	101 f/cc	200 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;., US Scenario: Personal air samples during wet method removal activity, <0.1-0.5 f/cc (n = 8; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	<0.1 f/cc	0.5 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;., US Scenario: Personal air samples during wet method removal activity, 0.6-1.0 f/cc (n = 5; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	0.06 f/cc	1 f/cc	NR	NR	NR; NR;
Paik et al. 1983 HERO ID: 3582179 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: NR IL; KS; WI; TX; OK; NY; AZ; GA; FL; TN;., US Scenario: Personal air samples during wet method removal activity, 1.1-10.0 f/cc (n = 2; DF = 1; Sampling Period: Feb., 1980 - Dec., 1981)	LOD: Not Reported LOQ: Not Reported	1.1 f/cc	10 f/cc	NR	NR	NR; NR;
Lundgren et al. 1991 HERO ID: 3582228 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal inhalation during cold tile removal (n = 2; DF = 1; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0056 f/cc (AM)	NR	NR; NR;
Lundgren et al. 1991 HERO ID: 3582228 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal inhalation during hot tile removal (n = 2; DF = 1; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0005 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Lundgren et al. 1991 HERO ID: 3582228 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal inhalation during tile installation (n = 1; DF = 1; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0018 f/cc]					
Lundgren et al. 1991 HERO ID: 3582228 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Personal inhalation (tile maintenance) (n = 2; DF = 0; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Cooper et al. 1979 HERO ID: 3615386 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR San Benito County, California, US Scenario: Personal sampler air from Motorcyclists, Run 1, 15 minutes (n = 6; DF = 1; Sampling Period: Jun., 1978)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.9 f/mL; 5.6 f/mL; 2.3 f/mL; 4.3 f/mL; 2.8 f/mL; 5.3 f/mL]					
Cooper et al. 1979 HERO ID: 3615386 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR San Benito County, California, US Scenario: Personal sampler air from Motorcyclists, Run 2, 5 minutes (n = 6; DF = 1; Sampling Period: Jun., 1978)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.6 f/mL; 3 f/mL; 3 f/mL; 4.9 f/mL; 4.4 f/mL; 3.1 f/mL]					
Cooper et al. 1979 HERO ID: 3615386 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR San Benito County, California, US Scenario: Personal sampler air from Motorcyclists, Run 3, 41 minutes (n = 6; DF = 1; Sampling Period: Jun., 1978)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.3 f/mL; 1.9 f/mL; 3.2 f/mL; 2.9 f/mL; 1.7 f/mL; 2.9 f/mL]					
Cooper et al. 1979 HERO ID: 3615386 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR San Benito County, California, US Scenario: Personal sampler air from a Ranger, 47 minutes (n = 1; DF = 1; Sampling Period: Jun., 1978)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.4 f/mL]					
Cooper et al. 1979 HERO ID: 3615386 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR San Benito County, California, US Scenario: Personal sampler air from a fixed site, 48 minutes (n = 1; DF = 1; Sampling Period: Jun., 1978)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.2 f/mL]					
Corn et al. 1991 HERO ID: 3714772 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 µm; 0.4 µm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Personal air from schools - total (n = 51; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.011 s/cm ³ (AM)	95th: 0.069 s/cm ³ ;	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Corn et al. 1991 HERO ID: 3714772 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8-1.2 μm ; 0.4 μm Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Personal air from schools - total, mass concentration (n = 51; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.89 ng/m ³ (AM)	95th: 3.5 ng/m ³ ;	NR; NR;	
Corn et al. 1991 HERO ID: 3714772 <i>OQD:</i> Medium	Fiber Type: General; Size: $\geq 5 \mu\text{m}$ Texas, Colorado, Florida, Massachusetts, Michigan, Ohio, Pennsylvania, Tennessee, US Scenario: Personal air from schools - $> 5 \mu\text{m}$ (n = 51; DF = NR; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00012 s/cm ³ (AM)	NDNR	NR; NR;	
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970085 * <i>OQD:</i> High	Fiber Type: General; Size: $> 5 \mu\text{m}$ Libby, MT, US Scenario: Outdoor air during mowing near vermiculite mine (n = 6; DF = 0.17; Sampling Period: Jul., 2013 - Sept., 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.00044 s/cc (AM)	NR	NR; NR;	
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970085 * <i>OQD:</i> High	Fiber Type: General; Size: $> 5 \mu\text{m}$ Libby, MT, US Scenario: Outdoor air during weed trimming near vermiculite mine (n = 3; DF = 0; Sampling Period: Jul., 2013 - Sept., 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970086 * <i>OQD:</i> High	Fiber Type: General; Size: $> 5 \mu\text{m}$ Libby, MT, US Scenario: Personal air during mowing near a vermiculite mine (n = 3; DF = 0; Sampling Period: Aug., 2012 - Sept., 2012)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970086 * <i>OQD:</i> High	Fiber Type: General; Size: $> 5 \mu\text{m}$ Libby, MT, US Scenario: Personal air during hiking near a vermiculite mine (n = 6; DF = 0; Sampling Period: Aug., 2012 - Sept., 2012)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
ATSDR et al. 2012 HERO ID: 3970328 * <i>OQD:</i> Medium	Fiber Type: General; Size: > 5 microns Minefields Asbestos Site, Maryland, US Scenario: Personal air of persons in Camp Moshava field area during baseball or frisbee activity (n = 2; DF = 1; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.00099 s/cc; 0.001 s/cc]					
ATSDR et al. 2012 HERO ID: 3970328 * <i>OQD:</i> Medium	Fiber Type: General; Size: > 5 microns Minefields Asbestos Site, Maryland, US Scenario: Personal air of persons in Camp Moshava open area during walking or driving vehicle activities (n = 2; DF = 1; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.00096 s/cc; 0.0019 s/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
ATSDR et al. 2012 HERO ID: 3970328 * <i>OQD: Medium</i>	Fiber Type: General; Size: >5 microns Minefields Asbestos Site, Maryland, US Scenario: Personal air of persons in Camp Moshava cabin area during walking, hiking, or running activities (n = 2; DF = 0; Sampling Period: Apr., 2012)	LOD: 0.008; 0.00099 s/cc LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during pile activity - PCME (n = 6; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	0.04 f/cc	0.096 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during pile activity - AHERA (n = 6; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	5 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during pile activity - TEM (n = 6; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	5.9 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during pile activity - Berman-Crump (n = 6; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	0.087 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during park activity - PCME (n = 6; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	0.072 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during park activity - AHERA (n = 6; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	0.0052 f/cc	13 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during park activity - TEM (n = 6; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	0.12 f/cc	16 f/cc	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during park activity - Berman-Crump (n = 6; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	0.043 f/cc	NR	NR	NR; NR;

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Monitoring

Personal Inhalation

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
ATSDR et al. 2015 HERO ID: 3970353 * OQD: Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during Intrusive site work activity (n = 8; DF = 0.13; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.009 f/cc (AM)	NR	NR; NR;	
ATSDR et al. 2015 HERO ID: 3970353 * OQD: Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during Wissahickon creek activity - PCME (n = 1; DF = 1; Sampling Period: Jul., 2011)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.00098 f/cc]					
ATSDR et al. 2015 HERO ID: 3970353 * OQD: Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during Wissahickon creek activity - AHERA (n = 1; DF = 1; Sampling Period: Jul., 2011)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0036 f/cc]					
ATSDR et al. 2015 HERO ID: 3970353 * OQD: Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during Wissahickon creek activity - TEM (n = 1; DF = 1; Sampling Period: Jul., 2011)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0048 f/cc]					
ATSDR et al. 2015 HERO ID: 3970353 * OQD: Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during residential activity - PCME (n = 8; DF = NR; Sampling Period: Jun., 2010 - Jul., 2011)	LOD: Not Reported LOQ: Not Reported	ND	0.0094 f/cc	NR	NR	NR; NR;	
ATSDR et al. 2015 HERO ID: 3970353 * OQD: Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during residential activity - PCME, adult (n = 8; DF = NR; Sampling Period: Jun., 2010 - Jul., 2011)	LOD: Not Reported LOQ: Not Reported	ND	0.039 f/cc	NR	NR	NR; NR;	
ATSDR et al. 2015 HERO ID: 3970353 * OQD: Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during residential activity - AHERA (n = 1; DF = 1; Sampling Period: Jun., 2010 - Jul., 2011)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3.7 f/cc]					
ATSDR et al. 2015 HERO ID: 3970353 * OQD: Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during residential activity - TEM (n = 1; DF = 1; Sampling Period: Jun., 2010 - Jul., 2011)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [4 f/cc]					

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Monitoring

Personal Inhalation

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during residential activity - Berman-Crump (n = 1; DF = 1; Sampling Period: Jun., 2010 - Jul., 2011)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0004 f/cc]					
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during Keasbey and Mattison/Nicolet building activity (n = 4; DF = 1; Sampling Period: Jun., 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	39.5 % (AM)	NR	NR; NR;	
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: Amosite (asbestiform of mineral grunerite); Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during Keasbey and Mattison/Nicolet building activity (n = 4; DF = 1; Sampling Period: Jun., 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	50.25 % (AM)	NR	NR; NR;	
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during reservoir activity (n = 6; DF = 0; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during Green River Trail activity - TEM (n = 6; DF = NR; Sampling Period: Jun., 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0098 f/cc (AM)	NR	NR; NR;	
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Personal inhalation during Green River Trail activity - PCME (n = 6; DF = 0; Sampling Period: Jun., 2010)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
DOI et al. 2005 HERO ID: 6558975 * <i>OQD:</i> Low	Fiber Type: General; Size: > 5µm San Benito County, CA, US Scenario: Personal breathing zone air from the lead motorcyclist (n = 1; DF = 1; Sampling Period: Sept., 2004)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.0443 f/mL]					
DOI et al. 2005 HERO ID: 6558975 * <i>OQD:</i> Low	Fiber Type: General; Size: > 5µm San Benito County, CA, US Scenario: Personal breathing zone air from the first trailing motorcyclist (n = 1; DF = 1; Sampling Period: Sept., 2004)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.659 f/mL]					

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Monitoring

Table 7 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
DOI et al. 2005 HERO ID: 6558975 * <i>OQD:</i> Low	Fiber Type: General; Size: > 5µm San Benito County, CA, US Scenario: Personal breathing zone air from the second trailing motorcyclist (n = 1; DF = 1; Sampling Period: Sept., 2004)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.955 f/mL]					
Nolan et al. 2001 HERO ID: 6874316 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: >5 µm US Scenario: Personal inhalation inside school (n = 9; DF = NR; Sampling Period: 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000513 f/mL (AM)	NR	NR; NR;	
Nolan et al. 2001 HERO ID: 6874316 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: >5 µm US Scenario: Personal inhalation inside university (n = 4; DF = NR; Sampling Period: 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	<0.0015 f/mL (AM)	NR	NR; NR;	
Nolan et al. 2001 HERO ID: 6874316 * <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Amosite (asbestiform of mineral grunerite); Size: >5 µm US Scenario: Personal inhalation inside coliseum (n = 4; DF = NR; Sampling Period: 2001)	LOD: Not Reported LOQ: Not Reported	NR	NR	<0.00152 f/mL (AM)	NR	NR; NR;	

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Asbestos

Monitoring

Precipitation

Table 8: Data Extraction Tables of Exposure Monitoring Studies for Precipitation

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm AQ Scenario: Snow and ice from Mizuho Base, Antarctica (70-100 cm below surface, 1977) (n = 1; DF = 1; Sampling Period: 1989)	LOD: 10 f/cc LOQ: Not Reported	POINT VALUE(S): [225 f/cc]					
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Mitakashi, Tokyo, JP Scenario: Snow and ice from Mitakashi, Tokyo, Japan (n = 11; DF = 1; Sampling Period: 1989)	LOD: 10 f/cc LOQ: Not Reported	NR	NR	12500 f/cc (AM)	NR	NR; NR;	
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Kawasaki, Kanagawa, JP Scenario: Snow and ice from Kawasaki, Kanagawa, Japan (n = 11; DF = 1; Sampling Period: 1989)	LOD: 10 f/cc LOQ: Not Reported	NR	NR	1650 f/cc (AM)	NR	NR; NR;	
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm AQ Scenario: Snow and ice from Mizuho Base, Antarctica (5m below surface) (n = 2; DF = 1; Sampling Period: 1989)	LOD: 10 f/cc LOQ: Not Reported	NR	NR	109 f/cc (AM)	NR	NR; NR;	
Kohyama et al. 1989 HERO ID: 14 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm AQ Scenario: Snow and ice from Yamato Mountains, Antarctica (n = 2; DF = 1; Sampling Period: 1989)	LOD: 10 f/cc LOQ: Not Reported	NR	NR	583 f/cc (AM)	NR	NR; NR;	
Bacon et al. 1986 HERO ID: 3581609 OQD: Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Rain water from Memphremagog rain gauge with no known pollution source (n = 2; DF = 1; Sampling Period: Jun., 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1900 f/cc; 18300 f/cc; 9 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 OQD: Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Rain water from Yamaska Park rain gauge with no known pollution source (n = 2; DF = 1; Sampling Period: Jun., 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [646600 f/cc; 23700 f/cc; 60 f/10 grid squares]					
Cunningham et al. 1971 HERO ID: 3615476 OQD: Medium	Fiber Type: General; Size: NR Ottawa, Toronto, Montreal, Quebec, CA Scenario: Precipitation from melted snow (n = 1; DF = 1; Sampling Period: 1971)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [33500 f/cc]					

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Asbestos

Monitoring

Precipitation

Table 8 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Hesse et al. 1977 HERO ID: 3646726 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Chicago, IL, US Scenario: Precipitation from a city (n = 5; DF = 1; Sampling Period: May, 1976 - Oct., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [180 f/cc; 220 f/cc; 180 f/cc; 110 f/cc; 240 f/cc]					
Hesse et al. 1977 HERO ID: 3646726 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Chicago, IL, US Scenario: Precipitation from a city, mass concentration (n = 5; DF = 1; Sampling Period: May, 1976 - Oct., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3.5 ng/L; 12 ng/L; 2.6 ng/L; 27 ng/L; 120 ng/L]					
Hesse et al. 1977 HERO ID: 3646726 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Chicago, IL, US Scenario: Precipitation from a suburb (n = 6; DF = 1; Sampling Period: May, 1976 - Oct., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [6 f/10 grid squares; 3 f/10 grid squares; 6 f/10 grid squares; 5 f/10 grid squares; 1 f/10 grid squares; 8 f/10 grid squares]					
Hesse et al. 1977 HERO ID: 3646726 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Chicago, IL, US Scenario: Precipitation from a suburb, mass concentration (n = 6; DF = 1; Sampling Period: May, 1976 - Oct., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.868 pg/10 grid squares; 0.035 pg/10 grid squares; 2.267 pg/10 grid squares; 0.054 pg/10 grid squares; 0.008 pg/10 grid squares; 0.279 pg/10 grid squares]					

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Asbestos

Monitoring

Sediment

Table 9: Data Extraction Tables of Exposure Monitoring Studies for Sediment

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Webber et al. 2004 HERO ID: 3085166 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR St. Lawrence County, New York State, US Scenario: Sediment from lake near historical talc mining (n = 8; DF = 1; Sampling Period: 1995 - 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.1 f/cm ³ ; 0.071 f/cm ³ ; 0.13 f/cm ³ ; 0.093 f/cm ³ ; 0.082 f/cm ³ ; 0.071 f/cm ³ ; 0.018 f/cm ³ ; 0.026 f/cm ³]					
Webber et al. 2004 HERO ID: 3085166 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR St. Lawrence County, New York State, US Scenario: Sediment from lake near historical talc mining (n = 8; DF = 0.875; Sampling Period: 1995 - 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.019 f/cm ³ ; 0.015 f/cm ³ ; 0.022 f/cm ³ ; 0.011 f/cm ³ ; 0.015 f/cm ³ ; 0.011 f/cm ³ ; 0.004 f/cm ³ ; ND]					
Webber et al. 2004 HERO ID: 3085166 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Jefferson County, New York State, US Scenario: Sediment from control lake (n = 8; DF = 0.875; Sampling Period: 1995 - 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.018 f/cm ³ ; 0.012 f/cm ³ ; 0.023 f/cm ³ ; 0.117 f/cm ³ ; 0.129 f/cm ³ ; 0.018 f/cm ³ ; 0.018 f/cm ³ ; ND]					
Webber et al. 2004 HERO ID: 3085166 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Jefferson County, New York State, US Scenario: Sediment from control lake (n = 8; DF = 0.25; Sampling Period: 1995 - 1998)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND; ND; ND; 0.006 f/cm ³ ; ND; ND; 0.006 f/cm ³ ; ND]					
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Sediment from Castro Valley Creek (n = 2; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [230000000 f/g; 39000000 f/g]					
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite), Anthophyllite, Tremolite, Actinolite; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Sediment from Castro Valley Creek (n = 2; DF = 0; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<12000000 f/g; <4800000 f/g]					
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: General; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Sediment from Castro Valley Creek (n = 2; DF = 1; Sampling Period: Mar., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2.2 µg/g; 0.27 µg/g]					
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Sediment from Wissahickon Creek (n = 12; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	0.8 %	NR	NR	NR; NR;	
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Sediment from a reservoir (n = 15; DF = 0; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	

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Asbestos

Monitoring

Sediment

Table 9 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Curran et al. 2016 HERO ID: 3974963 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 2 µm Sumas River, Whatcom County, Washington State, US Scenario: Bulk sediment from Sumas River (n = 20; DF = 1; Sampling Period: May, 2012 - Mar., 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	14 % (AM)	NR	4 % (ASD) ; NR;
Curran et al. 2016 HERO ID: 3974963 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 2 µm Sumas River, Whatcom County, Washington State, US Scenario: Non-flocculated sediment from Sumas River (n = 8; DF = 1; Sampling Period: May, 2012 - Mar., 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	5.2 % (AM)	NR	5.4 % (ASD) ; NR;
Curran et al. 2016 HERO ID: 3974963 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 2 µm Sumas River, Whatcom County, Washington State, US Scenario: Flocculated sediment from Sumas River (n = 10; DF = 1; Sampling Period: May, 2012 - Mar., 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	22 % (AM)	NR	3 % (ASD) ; NR;
UC et al. 1971 HERO ID: 6913022 * <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: 0.061 mm Pillar Point, CA; Pigeon Point, CA, US Scenario: Sediment from a stream (n = 3; DF = 0.33; Sampling Period: 1971)	LOD: Not Reported LOQ: Not Reported	NR	2 %	NR	NR	NR; NR;
UC et al. 1971 HERO ID: 6913022 * <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: 0.061 mm Pillar Point, CA; Pigeon Point, CA, US Scenario: Sediment from the intertidal zone of a beach (n = 9; DF = 0.11; Sampling Period: 1971)	LOD: Not Reported LOQ: Not Reported	NR	1 %	NR	NR	NR; NR;

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

Monitoring

Table 10: Data Extraction Tables of Exposure Monitoring Studies for Soil

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Kominsky et al. 2010 HERO ID: 2585969 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.8µm and 5µm US Scenario: Soil near an asbestos mine (Vermont mine) (n = 59; DF = NR; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	
Kominsky et al. 2010 HERO ID: 2585969 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.8µm and 5µm US Scenario: Soil from an area of naturally occurring asbestos (Swift Creek) (n = 8; DF = 1; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	103000000 s/g	1360000000 s/g	480000000 s/g (AM)	NR	NR; NR;	
Kominsky et al. 2010 HERO ID: 2585969 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.8µm and 5µm US Scenario: Soil from an area of naturally occurring asbestos (Clear Creek) (n = 4; DF = 1; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	1170000000 s/g	1830000000 s/g	621000000 s/g (AM)	NR	NR; NR;	
Kominsky et al. 2010 HERO ID: 2585969 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.8µm and 5µm US Scenario: Soil near a building with ACM (n = 8; DF = 1; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	1830000 s/g	86100000 s/g	25400000 s/g (AM)	NR	NR; NR;	
Kominsky et al. 2010 HERO ID: 2585969 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: 0.8µm and 5µm US Scenario: Soil from an area of naturally occurring asbestos (Coalinga) (n = 10; DF = 1; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	928000000 s/g	6740000000 s/g	2530000000 s/g (AM)	NR	NR; NR;	
Kominsky et al. 2010 HERO ID: 2585969 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm and 5µm US Scenario: Soil near a vermiculite exfoliation plant (n = 4; DF = 1; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	958000000 s/g	6080000000 s/g	2960000000 s/g (AM)	NR	NR; NR;	
Kominsky et al. 2010 HERO ID: 2585969 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.8µm and 5µm US Scenario: Soil near an asbestos mine (Sapphire mine) (n = 12; DF = 1; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	21800 s/g	38100000 s/g	5980000 s/g (AM)	NR	NR; NR;	
Jones et al. 2010 HERO ID: 2620594 <i>OQD:</i> Low	Fiber Type: General; Size: NR Libby, MT, US Scenario: Soil sample from Libby, Montana - bulk content (n = 4; DF = 1; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.75 %; 3 %; 0.75 %; ND]					

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Asbestos

Monitoring

Soil

Table 10 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Jones et al. 2010 HERO ID: 2620594 <i>OQD:</i> Low	Fiber Type: General; Size: NR Libby, MT, US Scenario: Soil sample from Libby, Montana - TEM (n = 4; DF = 0.75; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.013 f/mL; 0.86 f/mL; 0.048 f/mL; ND]					
Dermatas et al. 2015 HERO ID: 2820147 <i>OQD:</i> Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Vergina, GR Scenario: Soil from a remote location (n = 4; DF = 1; Sampling Period: 2015)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [35.3 %; 35.3 %; 35.3 %; 35.3 %]					
Ing et al. 1981 HERO ID: 3100287 <i>OQD:</i> Low	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 1-20 μm Arizona, US Scenario: Soil from a residential area near an asbestos mill site (n = 50; DF = 0.88; Sampling Period: Sept., 1981)	LOD: Not Reported LOQ: Not Reported	NR	NR	50 % (AM)	NR	NR; NR;	
Marier et al. 2007 HERO ID: 3531169 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Thetford mines, Quebec, CA Scenario: Soil around houses in vicinity of mines and tailing piles (n = 14; DF = 0.71; Sampling Period: Aug., 2003 - Aug., 2004)	LOD: Not Reported LOQ: 1 %	POINT VALUE(S): [2 %; 21 %; 27 %; <1 %; 80 %; <1 %; 13 %; 15 %; 67 %; 100 %; <1 %; 45 %; 72 %; <1 %]					
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 yard soil disturbance, high intensity ABS, A nondetect (n = 251; DF = NR; Sampling Period: Summer, 2007 - Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	0.2 s/cc	0.004 s/cc (AM)	NR	NR; NR;	
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 yard soil disturbance, typical intensity ABS, A nondetect (n = 110; DF = NR; Sampling Period: Summer, 2007 - Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	0.0029 s/cc	0.00011 s/cc (AM)	NR	NR; NR;	
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 yard soil disturbance, high intensity ABS, B1 <0.2% (n = 221; DF = NR; Sampling Period: Summer, 2007 - Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	8.3 s/cc	0.061 s/cc (AM)	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 yard soil disturbance, typical intensity ABS, B1 <0.2% (n = 72; DF = NR; Sampling Period: Summer, 2007 - Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	0.077 s/cc	0.0024 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 yard soil disturbance, high intensity ABS, B2/C <1%, >=1% (n = 38; DF = NR; Sampling Period: Summer, 2007 - Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	5.8 s/cc	0.21 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 yard soil disturbance, typical intensity ABS, B2/C <1%, >=1% (n = 7; DF = NR; Sampling Period: Summer, 2007 - Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	0.044 s/cc	0.008 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 garden (rototilling) soil disturbance, B1 <0.2% (n = 2; DF = NR; Sampling Period: Summer, 2001)	LOD: 0.005 % LOQ: Not Reported	NR	0.057 s/cc	0.039 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 garden (digging) soil disturbance, A nondetect (n = 36; DF = NR; Sampling Period: Summer, 2010)	LOD: 0.005 % LOQ: Not Reported	NR	0.0029 s/cc	0.0002 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 garden (digging) soil disturbance, B1 <0.2% (n = 21; DF = NR; Sampling Period: Summer, 2010)	LOD: 0.005 % LOQ: Not Reported	NR	0.0039 s/cc	0.00066 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 garden (digging) soil disturbance, B2/C, <1%, >=1% (n = 3; DF = NR; Sampling Period: Summer, 2010)	LOD: 0.005 % LOQ: Not Reported	NR	ND	0 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 driveway soil disturbance, A nondetect (n = 44; DF = NR; Sampling Period: Summer, 2010)	LOD: 0.005 % LOQ: Not Reported	NR	ND	0 s/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 driveway soil disturbance, B1 <0.2% (n = 15; DF = NR; Sampling Period: Summer, 2010)	LOD: 0.005 % LOQ: Not Reported	NR	0.076 s/cc	0.0057 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 driveway soil disturbance, B2/C <1%, >=1% (n = 1; DF = NR; Sampling Period: Summer, 2010)	LOD: 0.005 % LOQ: Not Reported	NR	0.015 s/cc	0.005 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 limited use area soil disturbance, A nondetect (n = 40; DF = NR; Sampling Period: Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	0.0069 s/cc	0.0012 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Libby OU4 limited use area soil disturbance, B1 <0.2% (n = 20; DF = NR; Sampling Period: Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	0.0062 s/cc	0.0014 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Troy, Montana, US Scenario: Troy OU7 yard soil disturbance, typical intensity ABS, A nondetect (n = 40; DF = NR; Sampling Period: Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	0.0014 s/cc	0.000062 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Troy, Montana, US Scenario: Troy OU7 yard soil disturbance, typical intensity ABS, B1 <0.2% (n = 1; DF = NR; Sampling Period: Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	ND	0 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Troy, Montana, US Scenario: Troy OU7 garden (digging & rototilling) soil disturbance, A nondetect (n = 37; DF = NR; Sampling Period: Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	0.0004 s/cc	0.000023 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Troy, Montana, US Scenario: Troy OU7 garden (digging & rototilling) soil disturbance, B1 <0.2% (n = 1; DF = NR; Sampling Period: Summer, 2011)	LOD: 0.005 % LOQ: Not Reported	NR	ND	0 s/cc (AM)	NR	NR; NR;
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Troy, Montana, US Scenario: Troy OU7 driveway soil disturbance, A nondetect (n = 35; DF = NR; Sampling Period: Summer, 2012)	LOD: 0.005 % LOQ: Not Reported	NR	0.0015 s/cc	0.000079 s/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
CDM Federal Programs Corporation et al. 2015 HERO ID: 3970083 * <i>OQD:</i> High	Fiber Type: General; Size: NR Troy, Montana, US Scenario: Troy OU7 driveway soil disturbance, B1 <0.2% (n = 5; DF = NR; Sampling Period: Summer, 2012)	LOD: 0.005 % LOQ: Not Reported	NR	0.00021 s/cc	0.000085 s/cc (AM)	NR	NR; NR;
ATSDR et al. 2012 HERO ID: 3970328 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Minefields Asbestos Site, Maryland, US Scenario: Surface soil from Camp Moshava area with trace levels (<0.25%) asbestos (n = 11; DF = 0.27; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: Not Reported	NR	<0.25 %	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface soil from a pile (n = 9; DF = 0.56; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	15 %	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Soil from a pile soil cover/waste interface layer (n = 3; DF = 0.33; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	15 % (AM)	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface soil from a park soil cover/waste interface layer (n = 6; DF = 0.5; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	12 %	4.2 % (AM)	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface soil from Green River Trail and Wis-sahickon Creek (n = 2; DF = NR; Sampling Period: Jan., 2010 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	0.3 %	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface soil from a residential area (n = 8; DF = 0.13; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.6 % (AM)	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface soil from creek flood plain (n = 8; DF = NR; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	0.5 %	NR	NR	NR; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface soil from a park (n = 9; DF = 0; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface soil from a kids park (n = 2; DF = 0; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Garden Valley, California, US Scenario: Soil at Garden Valley Aggregates near serpentinite formations (PLM) (n = 35; DF = 1; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.25 % LOQ: Not Reported	<0.25 %	4.5 %	NR	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Garden Valley, California, US Scenario: Soil at unpaved roads near serpentine rock (PLM) (n = 52; DF = 0.9; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.25 % LOQ: Not Reported	ND %	4 %	NR	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Garden Valley, California, US Scenario: Soil at school bus stops near serpentine rock (PLM) (n = 13; DF = 0.62; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.25 % LOQ: Not Reported	ND %	2.8 %	NR	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Garden Valley, California, US Scenario: Soil at Marshall Road cut near serpentine rock (PLM) (n = 8; DF = 1; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.25 % LOQ: Not Reported	<0.25 %	1 %	NR	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Garden Valley, California, US Scenario: Soil at Garden Valley Aggregates near serpentinite formations (TEM) (n = 35; DF = 1; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.1 % LOQ: Not Reported	0.17 %	2.7 %	NR	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Tremolite; Size: NR Garden Valley, California, US Scenario: Soil at Garden Valley Aggregates near serpentinite formations (TEM) (n = 4; DF = 1; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.1 % LOQ: Not Reported	<0.1 %	1.7 %	NR	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Anthophyllite; Size: NR Garden Valley, California, US Scenario: Soil at Garden Valley Aggregates near serpentinite formations (TEM) (n = 2; DF = 1; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.1 % LOQ: Not Reported	NR	<0.1 %	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Garden Valley, California, US Scenario: Soil at unpaved roads near serpentine rock (TEM) (n = 52; DF = 1; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.1 % LOQ: Not Reported	<0.1 %	7.7 %	NR	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Garden Valley, California, US Scenario: Soil at school bus stops near serpentine rock (TEM) (n = 13; DF = 1; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.1 % LOQ: Not Reported	<0.1 %	5.9 %	NR	NR	NR; NR;
DTSC et al. 2002 HERO ID: 3982246 * <i>OQD:</i> High	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Garden Valley, California, US Scenario: Soil at Marshall Road cut near serpentine rock (TEM) (n = 8; DF = 1; Sampling Period: Aug., 2000 - Sept., 2000)	LOD: 0.1 % LOQ: Not Reported	<0.1 %	0.61 %	NR	NR	NR; NR;
Colombino et al. 2019 HERO ID: 6859532 * <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Caulonia, IT Scenario: Asbestos in soil from Italy (n = 5; DF = 0; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
U.S. DOE et al. 1996 HERO ID: 6906700 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Rainier Mesa, Nevada, US Scenario: Soil from steam cleaning discharge site (n = 13; DF = 0; Sampling Period: Sept., 1995)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Working design line soil samples, >1.0% asbestos content (n = 68; DF = 0; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Original planning line soil samples, >1.0% asbestos content (n = 68; DF = 0; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Original planning line soil samples, <0.25% asbestos content (n = 68; DF = 0.31; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	0 %	0.24 %	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Working design line soil samples, <0.25% asbestos content (n = 96; DF = 0.18; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	0 %	0.24 %	NR	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Original planning line soil samples, 0.25-1.0% asbestos content (n = 68; DF = 0.05; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	0.25 %	1 %	NR	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Working design line soil samples, 0.25-1.0% asbestos content (n = 96; DF = 0.01; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	0.25 %	1 %	NR	NR	NR; NR;

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Table 11: Data Extraction Tables of Exposure Monitoring Studies for Surface Water

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W1 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	10000 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W1 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W1 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	1200 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W2 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	21400 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W2 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W2 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	500 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Emmanouil et al. 2009 HERO ID: 2604491 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W3 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	23900 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 OQD: Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W3 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 OQD: Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W3 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	2200 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W4 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	22200 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 OQD: Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W4 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 OQD: Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W4 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 OQD: Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W5 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	27100 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W5 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W5 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	1400 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W6 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	34300 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W6 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	1500 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W6 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	2900 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W7 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	39000 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W7 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W7 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	3800 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W8 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	152000 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W8 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W8 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	6900 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W9 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	18200 f/cc (AM)	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W9 (n = 5; DF = 0; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W9 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	400 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W10 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	4300 f/cc (AM)	NR	NR; NR;	
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W10 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	100 f/cc (AM)	NR	NR; NR;	
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Medium	Fiber Type: Tremolite, Actinolite; Size: NR Zidani Region of the Kozani Prefecture (Western Macedonia), GR Scenario: Surface water near serpentine mine along river Aliakmonas - W10 (n = 5; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	100 f/cc (AM)	NR	NR; NR;	
Puffer et al. 1987 HERO ID: 2815086 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.1 µm Northern New Jersey, US Scenario: Surface water from a pond (n = 2; DF = 1; Sampling Period: 1987)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [700 f/cc; 300 f/cc]					
Puffer et al. 1987 HERO ID: 2815086 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.1 µm Staten Island, NY, US Scenario: Surface water from a lake (n = 2; DF = 1; Sampling Period: 1987)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [16000 f/cc; 29000 f/cc]					
Puffer et al. 1987 HERO ID: 2815086 <i>OQD:</i> Medium	Fiber Type: General; Size: 0.1 µm Northern New Jersey, US Scenario: Surface water from 3 rivers (n = 4; DF = 0.75; Sampling Period: 1987)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [600 f/cc; 1300 f/cc; 200 f/cc; <100 f/cc]					
Turci et al. 2016 HERO ID: 3361883 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.8µm Balangero, IT Scenario: Surface water from mine stream (n = 2; DF = 1; Sampling Period: 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [215.373 f/L; 192.702 f/L]					
Pitt et al. 1988 HERO ID: 3580912 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Surface water from Castro Valley Creek receiving urban runoff (n = 5; DF = 1; Sampling Period: Nov., 1979 - Apr., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [152000 f/cc; 22100 f/cc; 111000 f/cc; 289000 f/cc; 7600 f/cc]					

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Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite),Anthophyllite,Tremolite,Actinolite; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Surface water from Castro Valley Creek receiving urban runoff (n = 5; DF = 0.4; Sampling Period: Oct., 1979 - Apr., 1980)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [<15000 f/cc; <300 f/cc; 2700 f/cc; 30400 f/cc; <300 f/cc]
Pitt et al. 1988 HERO ID: 3580912 <i>OOD:</i> Medium	Fiber Type: General; Size: ~1 µm Castro Valley, Alameda County, CA, US Scenario: Surface water from Castro Valley Creek receiving urban runoff (n = 5; DF = 1; Sampling Period: Nov., 1979 - Apr., 1980)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [3.2 µg/L; 0.6 µg/L; 3.1 µg/L; 11.2 µg/L; 5.9 µg/L]
Kay et al. 1974 HERO ID: 3581077 <i>OOD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Lake Ontario surface water (n = 3; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [1900 f/cc; 694 f/cc; 557 f/cc]
Kay et al. 1974 HERO ID: 3581077 <i>OOD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Lake Ontario surface water, mass concentration (n = 3; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [0.000941 µg/L; 0.000154 µg/L; 0.000159 µg/L]
Kay et al. 1974 HERO ID: 3581077 <i>OOD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: St. Lawrence River surface water (n = 2; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [446 f/cc; 2110 f/cc]
Kay et al. 1974 HERO ID: 3581077 <i>OOD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: St. Lawrence River surface water, mass concentration (n = 2; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [0.000602 µg/L; 0.000729 µg/L]
Kay et al. 1974 HERO ID: 3581077 <i>OOD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Lake Huron surface water (n = 2; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [456 f/cc; 3870 f/cc]
Kay et al. 1974 HERO ID: 3581077 <i>OOD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Lake Huron surface water, mass concentration (n = 2; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [0.000429 µg/L; 0.00213 µg/L]
Kay et al. 1974 HERO ID: 3581077 <i>OOD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Ottawa River surface water (n = 2; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported					POINT VALUE(S): [136 f/cc; 2850 f/cc]

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Kay et al. 1974 HERO ID: 3581077 <i>OQD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Ottawa River surface water, mass concentration (n = 2; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.000093 µg/L; 0.000538 µg/L]					
Kay et al. 1974 HERO ID: 3581077 <i>OQD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Welland Ship Canal surface water (n = 3; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [608 f/cc; 1030 f/cc; 820 f/cc]					
Kay et al. 1974 HERO ID: 3581077 <i>OQD:</i> Medium	Fiber Type: General; Size: 3µm 22 Ontario cities, Canada, CA Scenario: Welland Ship Canal surface water, mass concentration (n = 3; DF = 1; Sampling Period: Aug., 1972)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.000847 µg/L; 0.00156 µg/L; 0.000479 µg/L]					
Maresca et al. 1984 HERO ID: 3581435 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.55 Northern Staten Island, NY, US Scenario: Surface water from reservoir near serpentinite ridge (n = 4; DF = NR; Sampling Period: Aug., 1981)	LOD: Not Reported LOQ: Not Reported	15 MFL	87 MFL	47 MFL (AM)	NR	NR; NR;	
Maresca et al. 1984 HERO ID: 3581435 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.71 Northern Staten Island, NY, US Scenario: Surface water from lakes near serpentinite ridge (n = 3; DF = NR; Sampling Period: Aug., 1981)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.24 MFL (AM)	NR	NR; NR;	
McMillan et al. 1977 HERO ID: 3581573 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Waukegan to Burns Harbor, MI, US Scenario: Raw Lake Michigan surface water (n = 2028; DF = 1; Sampling Period: Jul., 1974 - Dec., 1975)	LOD: Not Reported LOQ: Not Reported	420 f/cc	4200 f/cc	1800 f/cc (AM)	NR	NR; NR;	
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Chemin Magenta with no known pollution source (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [20400 f/cc; 1700 f/cc; 49 f/10 grid squares; 8 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Chemin Elie with no known pollution source (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2900 f/cc; 8300 f/cc; 7 f/10 grid squares; 40 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Saint-Jean with no known pollution source (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [27700 f/cc; 600 f/cc; 67 f/10 grid squares; 3 f/10 grid squares]					

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Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Eastman with natural deposits of asbestos (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [17900 f/cc; 4100 f/cc; 68 f/10 grid squares; 7 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Highwater with natural deposits of asbestos (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [109100 f/cc; 18200 f/cc; 207 f/10 grid squares; 44 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Magog with natural deposits of asbestos (n = 4; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [97100 f/cc; 49000 f/cc; 7000 f/cc; 3300 f/cc; 184 f/10 grid squares; 97 f/10 grid squares; 17 f/10 grid squares; 8 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near West Brome with asbestos-bearing railway ballast (n = 2; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [19800 f/cc; 5800 f/cc; 48 f/10 grid squares; 28 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Cowansville with asbestos-bearing railway ballast (n = 9; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [147800 f/cc; 9500 f/cc; 7500 f/cc; 3100 f/cc; 1600 f/cc; 1900 f/cc; 15500 f/cc; 5100 f/cc; 2200 f/cc; 223 f/10 grid squares; 24 f/10 grid squares; 4 f/10 grid squares; 5 f/10 grid squares; 12 f/10 grid squares; 36 f/10 grid squares; 15 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Farnham with asbestos-bearing railway ballast (n = 9; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [7700 f/cc; 4300 f/cc; 6800 f/cc; 11600 f/cc; 2100 f/cc; 800 f/cc; 4700 f/cc; 7700 f/cc; 9500 f/cc; 19 f/10 grid squares; 10 f/10 grid squares; 5 f/10 grid squares; 2 f/10 grid squares; 18 f/10 grid squares; 33 f/10 grid squares; 14 f/10 grid squares]					
Bacon et al. 1986 HERO ID: 3581609 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Quebec, CA Scenario: Surface water near Abercorn with asbestos-bearing railway ballast (n = 4; DF = 1; Sampling Period: May, 1981 - Jul., 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [30800 f/cc; 30100 f/cc; 18200 f/cc; 16600 f/cc; 58 f/10 grid squares; 60 f/10 grid squares; 88 f/10 grid squares; 40 f/10 grid squares]					
Schmitt et al. 1977 HERO ID: 3583145 <i>OQD:</i> Low	Fiber Type: General; Size: 0.06-1.1 microns Duluth, MN, US Scenario: Surface water from lake near taconite processing facility (Analyzer A) (n = 3; DF = 1; Sampling Period: Jun., 1973 - Jul., 1973)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3.8 mg/L; 7.6 mg/L; 9.6 mg/L]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Schmitt et al. 1977 HERO ID: 3583145 <i>OQD:</i> Low	Fiber Type: General; Size: 0.06-1.1 microns Duluth, MN, US Scenario: Surface water from lake near taconite processing facility (Analyzer B) (n = 2; DF = 1; Sampling Period: Jun., 1973 - Jul., 1973)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.4 mg/L; 8.2 mg/L]					
Schmitt et al. 1977 HERO ID: 3583145 <i>OQD:</i> Low	Fiber Type: General; Size: 0.06-1.1 microns Duluth, MN, US Scenario: Surface water from lake near taconite processing facility (Analyzer C) (n = 6; DF = 1; Sampling Period: Jun., 1973 - Jul., 1973)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2000 f/cc; 8300 f/cc; 1000 f/cc; 900 f/cc; 300 f/cc; 800 f/cc]					
Hayward et al. 1984 HERO ID: 3585730 † <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR CA, US Scenario: Surface water in river basins near natural erosion of serpentine (n = 33; DF = 1; Sampling Period: Jan., 1981 - May, 1983)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	
Hayward et al. 1984 HERO ID: 3585730 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR CA, US Scenario: Surface water in coastal areas near natural erosion of serpentine (n = 6; DF = 1; Sampling Period: Feb., 1982 - Oct., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [74000000 f/cc; 200000000 f/cc; 28000000 f/cc; 29000000 f/cc; 3100000 f/cc; 3100000 f/cc]					
Hayward et al. 1984 HERO ID: 3585730 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR CA, US Scenario: Surface water in a river delta near natural erosion of serpentine (n = 14; DF = 1; Sampling Period: Jul., 1981 - Mar., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2000000 f/cc; 1500000 f/cc; 870000 f/cc; 780000 f/cc; 1200000 f/cc; 3000000 f/cc; 1500000 f/cc; 1900000 f/cc; 1100000 f/cc; 1500000 f/cc; 1700000 f/cc; 3200000 f/cc; 1500000 f/cc; 700000 f/cc]					
Cunningham et al. 1971 HERO ID: 3615476 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ottawa, Toronto, Montreal, Quebec, CA Scenario: Surface water from a river (n = 1; DF = 1; Sampling Period: 1971)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [9500 f/cc]					
Desaulniers et al. 1981 HERO ID: 3647785 <i>OQD:</i> Low	Fiber Type: General; Size: NR Becancour river in the province of Quebec, CA Scenario: River water collected upstream of pollution sites (Thetford Mines and Black Lake) (n = 1; DF = 1; Sampling Period: 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [230000 f/L]					
Desaulniers et al. 1981 HERO ID: 3647785 <i>OQD:</i> Low	Fiber Type: General; Size: NR Becancour river in the province of Quebec, CA Scenario: River water collected downstream of pollution sites (Thetford Mines and Black Lake) (n = 1; DF = 1; Sampling Period: 1981)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3200000 f/L]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Upper Rainy Creek station URC-1 (n = 3; DF = 0; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Upper Rainy Creek station URC-1A (n = 13; DF = 0.31; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	100 f/cc	NR	NR	NR; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Upper Rainy Creek station URC-2 (n = 26; DF = 0.57; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	130000 f/cc	6100 f/cc (AM)	NR	25400 f/cc (ASD); NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station TP-OVERFLOW (n = 7; DF = 1; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	6600 f/cc	2700 f/cc (AM)	NR	2600 f/cc (ASD); NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station TP-TOE1 (n = 14; DF = 0.64; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	25000 f/cc	3600 f/cc (AM)	NR	7000 f/cc (ASD); NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station TP-TOE2 (n = 3; DF = 0.666; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	2000 f/cc	700 f/cc (AM)	NR	1100 f/cc (ASD); NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station LRC-1 (n = 14; DF = 0.92; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	31000 f/cc	8500 f/cc (AM)	NR	10800 f/cc (ASD); NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station LRC-2 (n = 55; DF = 0.98; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	66000 f/cc	14000 f/cc (AM)	NR	15700 f/cc (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station LRC-3 (n = 3; DF = 1; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	8000 f/cc	3200 f/cc (AM)	NR	4200 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station LRC-4 (n = 22; DF = 1; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	58000 f/cc	20700 f/cc (AM)	NR	15400 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station LRC-5 (n = 22; DF = 1; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	59000 f/cc	25400 f/cc (AM)	NR	18100 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Lower Rainy Creek station LRC-6 (n = 50; DF = 0.96; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	420000 f/cc	43800 f/cc (AM)	NR	73100 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Carney Creek station CC-1 (n = 3; DF = 0.666; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	1700 f/cc	900 f/cc (AM)	NR	900 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Carney Creek station CC-2 (n = 33; DF = 0.94; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	270000 f/cc	34500 f/cc (AM)	NR	62300 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Carney Creek station CC-Pond (n = 24; DF = 0.96; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	45000 f/cc	14800 f/cc (AM)	NR	13600 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Fleetwood Creek station FC-1 (n = 3; DF = 0.666; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	3900 f/cc	1300 f/cc (AM)	NR	2200 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Fleetwood Creek station FC-2 (n = 14; DF = 0.86; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	20000 f/cc	3400 f/cc (AM)	NR	5500 f/cc (ASD) ; NR;

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CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Fleetwood Creek station FC-Pond (n = 23; DF = 1; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	1100000 f/cc	81200 f/cc (AM)	NR	224900 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Tailings Pond station TP (n = 50; DF = 0.92; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	1200000 f/cc	61700 f/cc (AM)	NR	173100 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Tailings Pond station UTP (n = 4; DF = 1; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	27000 f/cc	14600 f/cc (AM)	NR	11100 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Mill Pond (n = 32; DF = 0.84; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	52000 f/cc	7700 f/cc (AM)	NR	11600 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from upstream station at Kootenai River (n = 11; DF = 0.27; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	700 f/cc	100 f/cc (AM)	NR	200 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from downstream station at Kootenai River (n = 56; DF = 0.23; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	1300 f/cc	100 f/cc (AM)	NR	200 f/cc (ASD) ; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Reference Creeks BTT-R1 and NSY-R1 (n = 14; DF = 0.07; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	100 f/cc	NR	NR	NR; NR;
CDM Federal Programs Corporation et al. 2014 HERO ID: 3970087 * <i>OQD:</i> Medium	Fiber Type: General,Tremolite; Size: NR Libby, Montana, US Scenario: Surface water from Reference Ponds (Banana Lake; Tepee Pond 1; Bobtail Pond) (n = 6; DF = 0.17; Sampling Period: 2014)	LOD: Not Reported LOQ: Not Reported	NR	100 f/cc	NR	NR	100 f/cc (ASD) ; NR;
ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface water from a reservoir (n = 16; DF = 0.31; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	58000 f/cc	NR	NR	NR; NR;

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ATSDR et al. 2015 HERO ID: 3970353 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Ambler, Montgomery County, Pennsylvania, US Scenario: Surface water from Wissahickon Creek (n = 14; DF = 0.29; Sampling Period: Jan., 2009 - Jan., 2011)	LOD: Not Reported LOQ: Not Reported	ND	30000 f/cc	6200 f/cc (AM)	NR	NR; NR;	
Monaro et al. 1981 HERO ID: 6868189 * <i>OQD:</i> Low	Fiber Type: General; Size: NR Quebec, Canada, CA Scenario: Becancour river samples - upstream (n = 3; DF = NR; Sampling Period: 1981)	LOD: Not Reported LOQ: Not Reported	NR	NR	230,000 f/cc (AM)	NR	NR; NR;	
Monaro et al. 1981 HERO ID: 6868189 * <i>OQD:</i> Low	Fiber Type: General; Size: NR Quebec, Canada, CA Scenario: Becancour river samples - downstream (n = 7; DF = NR; Sampling Period: 1981)	LOD: Not Reported LOQ: Not Reported	NR	NR	2,800,000 f/cc (AM)	NR	NR; NR;	
Davenport et al. 1993 HERO ID: 6882558 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Guilford County, NC, US Scenario: Surface water from 2 sites from Oak Hollow and High Point lakes (n = 2; DF = 0; Sampling Period: Jun., 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: L1 Distribution L raw water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 1920-2100 f/cc LOQ: Not Reported	NR	NR	330 f/cc (AM)	2.5th: 8 f/cc; 97.5th: 1860 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: L1 Distribution L raw water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 1920-2100 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: M1 Distribution M raw water - stream intake (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 410-830 f/cc LOQ: Not Reported	NR	NR	830 f/cc (AM)	2.5th: 380 f/cc; 97.5th: 1570 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD:</i> Medium	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: M1 Distribution M raw water - stream intake (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 410-830 f/cc LOQ: Not Reported	NR	NR	90 f/cc (AM)	2.5th: 2 f/cc; 97.5th: 510 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R1 Water Treatment Works R chlorinated and screened raw water (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 21360-38400 f/cc LOQ: Not Reported	POINT VALUE(S): [25600 f/cc; 7120 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R1 Water Treatment Works R chlorinated and screened raw water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 21360-38400 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R2 Water Treatment Works R stored raw water (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 4020-8400 f/cc LOQ: Not Reported	NR	NR	3630 f/cc (AM)	2.5th: 990 f/cc; 97.5th: 9380 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R2 Water Treatment Works R stored raw water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 4020-8400 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: S1 Water Treatment Works S stored raw water (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 200-230 f/cc LOQ: Not Reported	NR	NR	70 f/cc (AM)	2.5th: 9 f/cc; 97.5th: 260 f/cc;	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: S1 Water Treatment Works S stored raw water (n = 2; DF = 0; Sampling Period: Jan., 1980 - 1980)	LOD: 200-230 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: L1 Distribution L raw water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 1920-2100 f/cc LOQ: Not Reported	POINT VALUE(S): [0.019 µg/L; ND]					
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: M1 Distribution M raw water - stream intake, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 410-830 f/cc LOQ: Not Reported	POINT VALUE(S): [0.0017 µg/L; 0.000839 µg/L]					
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: General; Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: M1 Distribution M raw water - stream intake, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 410-830 f/cc LOQ: Not Reported	POINT VALUE(S): [0.023 µg/L; ND]					

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Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R1 Water Treatment Works R chlorinated and screened raw water, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 21360-38400 f/cc LOQ: Not Reported	POINT VALUE(S): [0.635 µg/L; 0.092 µg/L]					
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: R2 Water Treatment Works R stored raw water, mass concentration (n = 2; DF = 1; Sampling Period: Jan., 1980 - 1980)	LOD: 4020-8400 f/cc LOQ: Not Reported	POINT VALUE(S): [0.044 µg/L; 0.151 µg/L]					
Conway et al. 1984 HERO ID: 6883124 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 35 µm- < 2µm NR, specific sites not named, GB Scenario: S1 Water Treatment Works S stored raw water, mass concentration (n = 2; DF = 0.5; Sampling Period: Jan., 1980 - 1980)	LOD: 200-230 f/cc LOQ: Not Reported	POINT VALUE(S): [0.000218 µg/L; ND]					
Cooper et al. 1974 HERO ID: 6886427 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 2 - 10 µm long Marin County, CA; San Francisco County, CA; Alameda County, CA; Contra Costa County, CA; Burlingame City, CA; Redwood City, CA; Millbrae City, CA; Lawrence Livermore Laboratory; San Jose City, CA; Southern California, US Scenario: Lake and stream surface water from Marin County (n = 5; DF = 0.6; Sampling Period: Feb., 1973 - Jul., 1973)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [200000 f/cc; Present f/cc; Present f/cc; 300 f/cc; 500 f/cc]					
Durham et al. 1976 HERO ID: 6889167 * <i>OQD: Medium</i>	Fiber Type: General; Size: <1 µm Ontario, CA Scenario: Surface water from 27 stations in Lake Superior on cruise 73-03-104 (n = 33; DF = 0.85; Sampling Period: Jun., 1973 - Dec., 1973)	LOD: 100 f/cc LOQ: Not Reported	POINT VALUE(S): [1900 f/cc; 1600 f/cc; 3000 f/cc; 2700 f/cc; BDL f/cc; 1300 f/cc; 3400 f/cc; 82000 f/cc; 1500 f/cc; BDL f/cc; 2800 f/cc; BDL f/cc; 1500 f/cc; 1500 f/cc; 2200 f/cc; 1700 f/cc; 5200 f/cc; 1900 f/cc; BDL f/cc; 100 f/cc; 600 f/cc; 900 f/cc; 1500 f/cc; 800 f/cc; 2500 f/cc; BDL f/cc; 3100 f/cc; 1800 f/cc; 5000 f/cc; 17000 f/cc; 3400 f/cc; 9500 f/cc; 3100 f/cc; 8000 f/cc]					
Durham et al. 1976 HERO ID: 6889167 * <i>OQD: Medium</i>	Fiber Type: General; Size: <1 µm Ontario, CA Scenario: Surface water from 19 stations in Lake Superior on cruise 73-03-106 (n = 32; DF = 1; Sampling Period: Jun., 1973 - Dec., 1973)	LOD: 100 f/cc LOQ: Not Reported	POINT VALUE(S): [4100 f/cc; 4600 f/cc; 600 f/cc; 1400 f/cc; 1700 f/cc; 2200 f/cc; 3600 f/cc; 5800 f/cc; 3300 f/cc; 3700 f/cc; 7400 f/cc; 45000 f/cc; 1500 f/cc; 23300 f/cc; 19000 f/cc; 2900 f/cc; 3000 f/cc; 2300 f/cc; 12600 f/cc; 300 f/cc; 5400 f/cc; 1900 f/cc; 14000 f/cc; 4000 f/cc; 21000 f/cc; 3900 f/cc; 3600 f/cc; 6900 f/cc; 2000 f/cc; 1000 f/cc; 800 f/cc; 900 f/cc]					
Durham et al. 1976 HERO ID: 6889167 * <i>OQD: Medium</i>	Fiber Type: General; Size: <1 µm Ontario, CA Scenario: Surface water from 9 stations in Lake Superior on cruise 73-03-107 (n = 11; DF = 1; Sampling Period: Jun., 1973 - Dec., 1973)	LOD: 100 f/cc LOQ: Not Reported	POINT VALUE(S): [10900 f/cc; 7500 f/cc; 1400 f/cc; 100 f/cc; 24800 f/cc; 600 f/cc; 1100 f/cc; 12400 f/cc; 1300 f/cc; 1400 f/cc; 300 f/cc; 2900 f/cc]					

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Durham et al. 1976 HERO ID: 6889167 * <i>OQD: Medium</i>	Fiber Type: General; Size: <1 μm Ontario, CA Scenario: Surface water from 16 stations in Lake Superior on cruise 73-03-108 (n = 29; DF = 1; Sampling Period: Jun., 1973 - Dec., 1973)	LOD: 100 f/cc LOQ: Not Reported	POINT VALUE(S): [1000 f/cc; 1600 f/cc; 1000 f/cc; 300 f/cc; 2500 f/cc; 3600 f/cc; 3500 f/cc; 3000 f/cc; 1100 f/cc; 2800 f/cc; 700 f/cc; 1300 f/cc; 800 f/cc; 1500 f/cc; 2300 f/cc; 1200 f/cc; 2300 f/cc; 600 f/cc; 1600 f/cc; 2200 f/cc; 1600 f/cc; 1100 f/cc; 900 f/cc; 1000 f/cc; 1600 f/cc; 1700 f/cc; 1900 f/cc; 100 f/cc; 400 f/cc]					
Durham et al. 1976 HERO ID: 6889167 * <i>OQD: Medium</i>	Fiber Type: General; Size: <1 μm Ontario, CA Scenario: Surface water from 2 stations in Lake Superior on cruise 73-03-103 (n = 2; DF = 1; Sampling Period: Jun., 1973 - Dec., 1973)	LOD: 100 f/cc LOQ: Not Reported	POINT VALUE(S): [15500 f/cc; 87300 f/cc]					
Durham et al. 1976 HERO ID: 6889167 * <i>OQD: Medium</i>	Fiber Type: General; Size: <1 μm Ontario, CA Scenario: Surface water from 6 stations in Lake Superior Lake near the thermocline on cruise 73-03-106 (n = 6; DF = 1; Sampling Period: Jun., 1973 - Dec., 1973)	LOD: 100 f/cc LOQ: Not Reported	POINT VALUE(S): [5000 f/cc; 1500 f/cc; 300 f/cc; 4600 f/cc; 1100 f/cc; 700 f/cc]					
Durham et al. 1976 HERO ID: 6889167 * <i>OQD: Medium</i>	Fiber Type: General; Size: <1 μm Ontario, CA Scenario: Surface water from 11 stations in Lake Huron and Georgian Bay (n = 11; DF = 0.82; Sampling Period: Apr., 1974 - May, 1974)	LOD: 100 f/cc LOQ: Not Reported	POINT VALUE(S): [500 f/cc; 4900 f/cc; 600 f/cc; 300 f/cc; BDL f/cc; 700 f/cc; 500 f/cc; 900 f/cc; 300 f/cc; BDL f/cc; 600 f/cc]					
Durham et al. 1976 HERO ID: 6889167 * <i>OQD: Medium</i>	Fiber Type: General; Size: <1 μm Ontario, CA Scenario: Surface water from 2 locations in Lake Superior tributaries (n = 6; DF = 0.83; Sampling Period: Apr., 1974 - Jun., 1974)	LOD: 100 f/cc LOQ: Not Reported	POINT VALUE(S): [7100 f/cc; 200 f/cc; 200 f/cc; 100 f/cc; 100 f/cc; BDL f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 μm Lowell, VT, US Scenario: Stream run-off from Serpentine Mountain at Vermont Asbestos Group Mine (n = 3; DF = 0.667; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.49 f/cc; 0.01 f/cc; <0.00025 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 μm Lowell, VT, US Scenario: Mountain stream at Vermont Asbestos Group Mine (n = 7; DF = 0.71; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.28 f/cc; 0.0028 f/cc; <0.00026 f/cc; 0.053 f/cc; <0.00013 f/cc; 0.073 f/cc; 0.06 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 μm Lowell, VT, US Scenario: Combined quarry and mine run off at Vermont Asbestos Group Mine (n = 6; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [>10000000 f/cc; >10000000 f/cc; >10000000 f/cc; 1.1 f/cc; 1.7 f/cc; 0.57 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Lowell, VT, US Scenario: Collecting pond, away from inlet at Vermont Asbestos Group Mine (n = 5; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.11 f/cc; 0.095 f/cc; 0.11 f/cc; 0.28 f/cc; 0.75 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Morenci, AZ, US Scenario: Intake to White Springs Reservoir at Phelps Dodge Copper Mine (n = 2; DF = 0.5; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.0063 f/cc; 5.4 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Lead, SD, US Scenario: Hearst ditch (local stream, source of ~6% of process water) at Homestake Mine (n = 5; DF = 0.2; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00087 f/cc; <0.0021 f/cc; <0.00081 f/cc; <0.0077 f/cc; 0.021 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Recycled water from settling dam (48% of process water) at Homestake Mine (n = 7; DF = 0.71; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.001 f/cc; <0.0014 f/cc; 0.021 f/cc; 0.21 f/cc; 0.23 f/cc; 0.38 f/cc; 0.05 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Lead City water (20% of process water) at Homestake Mine (n = 2; DF = 0; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00053 f/cc; <0.00025 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Spearfish Creek (source of Lead City water), Stream above and below Homestake effluent at Homestake Mine (n = 3; DF = 0.333; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00081 f/cc; <0.082 f/cc; 22 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Fleetwood Creek - make up water to 1st settling pond at W.R. Grace Zonolite site (n = 5; DF = 0.4; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00064 f/cc; <0.001 f/cc; 0.0031 f/cc; <0.001 f/cc; 0.0048 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Rainy Creek - make up water to 2nd settling pond at W.R. Grace Zonolite site (n = 9; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.027 f/cc; 0.082 f/cc; 0.17 f/cc; 0.0041 f/cc; 0.002 f/cc; 0.0022 f/cc; 0.0022 f/cc; 0.43 f/cc; 0.8 f/cc]					

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Rainy Creek at Kootenai River at W.R. Grace Zonolite site (n = 4; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.19 f/cc; 1.8 f/cc; 2.3 f/cc; 6.7 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Kootenai River, 1.9 miles upstream of sieving plant at W.R. Grace Zonolite site (n = 6; DF = 0.333; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.0013 f/cc; <0.0011 f/cc; <0.0013 f/cc; 0.0026 f/cc; 0.012 f/cc; <0.0013 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Libby, MT, US Scenario: Kootenai River about 1 mile downstream of sieving plant at W.R. Grace Zonolite site (n = 12; DF = 0.5; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00074 f/cc; <0.00084 f/cc; <0.0013 f/cc; <0.0013 f/cc; <0.0013 f/cc; 0.00064 f/cc; 0.0061 f/cc; <0.00064 f/cc; 0.013 f/cc; 0.32 f/cc; 0.048 f/cc; 0.022 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm Gouverneur, NY, US Scenario: Lake Sylvia (U1) at Gouverneur Talc Mine (n = 3; DF = 0.333; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00013 f/cc; <0.00013 f/cc; 0.04 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 * <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Gouverneur, NY, US Scenario: Lake Sylvia at Gouverneur Talc Mine (n = 2; DF = 0.5; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.00013 f/cc; 0.02 f/cc]					
Argonne National Laboratory et al. 1979 HERO ID: 6896139 *† <i>OQD:</i> Medium	Fiber Type: General; Size: 5µm Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Makeup water from cooling tower waters and sediments (n = 52; DF = 0.038; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 649.96 f/cc LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Argonne National Laboratory et al. 1979 HERO ID: 6896139 [†] <i>OQD:</i> Medium	Fiber Type: General; Size: 5 μ m Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Basin water from cooling tower waters and sediments (n = 58; DF = 0.172; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 7462.91 f/cc LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Argonne National Laboratory et al. 1979 HERO ID: 6896139 [†] <i>OQD:</i> Medium	Fiber Type: General; Size: 5 μ m Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Blowdown water from cooling tower waters and sediments (n = 45; DF = 0.11; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 1589.42 f/cc LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Argonne National Laboratory et al. 1979 HERO ID: 6896139 [†] <i>OQD:</i> Medium	Fiber Type: General; Size: 5 μ m Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Other water from cooling tower waters and sediments (n = 28; DF = 0.036; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 762.53 f/cc LOQ: Not Reported	NR	NR	NR	NR	NR; NR;
Argonne National Laboratory et al. 1979 HERO ID: 6896139 [†] <i>OQD:</i> Medium	Fiber Type: General; Size: 5 μ m Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Surface water from cooling tower waters and sediments (n = 22; DF = 1; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Argonne National Laboratory et al. 1979 HERO ID: 6896139 * <i>OQD:</i> Medium	Fiber Type: General; Size: 5 μ m Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Basin water fiber content from cooling tower water (n = 6; DF = 0.67; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 200 f/cc LOQ: Not Reported	NR	NR	25250 f/cc (AM)	NR	NR; NR;
Argonne National Laboratory et al. 1979 HERO ID: 6896139 * <i>OQD:</i> Medium	Fiber Type: General; Size: 5 μ m Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Basin water fiber content from cooling tower water, mass concentration (n = 6; DF = 0.67; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 200 f/cc LOQ: Not Reported	NR	NR	0.316 μ g/L (AM)	NR	NR; NR;
Argonne National Laboratory et al. 1979 HERO ID: 6896139 * <i>OQD:</i> Medium	Fiber Type: General; Size: 5 μ m Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Other (hot-water ring) fiber content in cooling tower water (n = 5; DF = 0.6; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 200 f/cc LOQ: Not Reported	NR	NR	94700 f/cc (AM)	NR	NR; NR;
Argonne National Laboratory et al. 1979 HERO ID: 6896139 * <i>OQD:</i> Medium	Fiber Type: General; Size: 5 μ m Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Other (hot-water ring) fiber content in cooling tower water, mass concentration (n = 5; DF = 0.6; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 200 f/cc LOQ: Not Reported	NR	NR	1.002 μ g/L (AM)	NR	NR; NR;

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Argonne National Laboratory et al. 1979 HERO ID: 6896139 * <i>OQD:</i> Medium	Fiber Type: General; Size: 5µm Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Surface water from cooling tower sites (n = 77; DF = 0; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 197.43 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Argonne National Laboratory et al. 1979 HERO ID: 6896139 * <i>OQD:</i> Medium	Fiber Type: General; Size: 5µm Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Makeup water fiber content from cooling tower water (n = 6; DF = 0; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 200 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Argonne National Laboratory et al. 1979 HERO ID: 6896139 * <i>OQD:</i> Medium	Fiber Type: General; Size: 5µm Central Pennsylvania; West central Pennsylvania; Long Island; Near Harrisburg, Pennsylvania; Near Toledo, Ohio; Maryland, west of the intracoastal waterway; Northwestern Indiana; North of Harrisburg, Pennsylvania; Near Pennsylvania/New Jersey border; South central Ohio; Western Kentucky; Southeast of Sacramento, California; South central Pennsylvania; Germantown, Maryland; McLean, Virginia, US Scenario: Blowdown water fiber content from cooling tower water (n = 3; DF = 0; Sampling Period: Feb., 1976 - Jul., 1978)	LOD: 117.33 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Schreier et al. 1981 HERO ID: 6896746 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR British Columbia, CA Scenario: Surface water from the Sumas River at international border (n = 5; DF = 1; Sampling Period: Jun., 1979 - Feb., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [19000000 f/cc; 750000 f/cc; 4600000 f/cc; 120000000 f/cc; 100000000 f/cc]				NR; NR;
Schreier et al. 1981 HERO ID: 6896746 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR British Columbia, CA Scenario: Surface water from the Sumas River at Nooksack (n = 5; DF = 1; Sampling Period: Jun., 1979 - Feb., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1230000000 f/cc; 290000000 f/cc; 4100000 f/cc; 20500000000 f/cc; 92000000 f/cc]				
Schreier et al. 1981 HERO ID: 6896746 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR British Columbia, CA Scenario: Surface water from the Sumas River above Swift Creek (n = 4; DF = 1; Sampling Period: Jun., 1979 - Feb., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [567000 f/cc; 45000 f/cc; 19000000 f/cc; 280000 f/cc]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Schreier et al. 1981 HERO ID: 6896746 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR British Columbia, CA Scenario: Surface water from the Swift Creek above Sumas River (n = 4; DF = 1; Sampling Period: Jun., 1979 - Feb., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [11000000000 f/cc; 2700000 f/cc; 22000000000 f/cc; 320000000 f/cc]					
Schreier et al. 1981 HERO ID: 6896746 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR British Columbia, CA Scenario: Surface water from Swift Creek below a landslide (n = 4; DF = 1; Sampling Period: Jun., 1979 - Feb., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [15000000000 f/cc; 4700000000 f/cc; 30000000000 f/cc; 6000000000 f/cc]					
Schreier et al. 1981 HERO ID: 6896746 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR British Columbia, CA Scenario: Surface water from Swift Creek above a landslide (n = 4; DF = 1; Sampling Period: Jun., 1979 - Feb., 1980)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3400000 f/cc; 4900000 f/cc; 10000000000 f/cc; 3200000 f/cc]					
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.55 µm New York, US Scenario: Raw water from Staten Island, Silver Lake Reservoir (n = 4; DF = 1; Sampling Period: Aug., 1981 - May, 1982)	LOD: Not Reported LOQ: Not Reported	15000 f/cc	87000 f/cc	47000 f/cc (AM)	NR	NR; NR;	
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD:</i> Medium	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: 1.0 µm New Jersey, US Scenario: Surface water from Mendham, India Brook (n = 1; DF = 1; Sampling Period: Mar., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [600 f/cc]					
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 2.8 µm New Jersey, US Scenario: Surface water from Mendham, India Brook (n = 1; DF = 0; Sampling Period: Mar., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND]					
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.55 µm New Jersey, US Scenario: Surface water from Mendham, India Brook (n = 1; DF = 0; Sampling Period: Mar., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND]					
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR New Jersey, US Scenario: Surface water from Mendham, India Brook (n = 1; DF = 1; Sampling Period: Mar., 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [600 f/cc]					
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.55 µm New Jersey, US Scenario: Raw water from Franklin, Franklin Pond (n = 3; DF = 1; Sampling Period: Jan., 1982 - Jun., 1982)	LOD: Not Reported LOQ: Not Reported	NR	NR	2270 f/cc (AM)	NR	NR; NR;	

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Table 11 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR New Jersey, US Scenario: Raw water from Combs Hollow Reservoir (EPA) (n = 1; DF = 1; Sampling Period: Aug., 1981 - May, 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3700 f/cc]					
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD: Medium</i>	Fiber Type: Crocidolite (asbestiform of mineral riebeckite); Size: 1.0 µm New Jersey, US Scenario: Raw water from Combs Hollow Reservoir (EPA) (n = 1; DF = 0; Sampling Period: Aug., 1981 - May, 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND]					
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: 0.55 µm New Jersey, US Scenario: Raw water from Combs Hollow Reservoir (EPA) (n = 1; DF = 1; Sampling Period: Aug., 1981 - May, 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1840 f/cc]					
Puffer et al. 1983 HERO ID: 6900895 * <i>OQD: Medium</i>	Fiber Type: Tremolite; Size: 2.8 µm New Jersey, US Scenario: Raw water from Combs Hollow Reservoir (EPA) (n = 1; DF = 0; Sampling Period: Aug., 1981 - May, 1982)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND]					
Bonner et al. 1977 HERO ID: 6904986 * <i>OQD: Medium</i>	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: NR Tennessee, US Scenario: Surface water from Horsepasture River around known deposits (above and below) (2.6-2.72 g/cm ³) (n = 2; DF = 0.5; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [417 fibers counted; 0.098 f/cc; ND; ND]					
Bonner et al. 1977 HERO ID: 6904986 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Tennessee, US Scenario: Surface water from Horsepasture River around known deposits (above and below) (2.72-2.9 g/cm ³) (n = 2; DF = 0.5; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.01 f/cc; ND]					
Bonner et al. 1977 HERO ID: 6904986 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Tennessee, US Scenario: Surface water from Horsepasture River around known deposits (above and below) (>2.9 g/cm ³) (n = 2; DF = 1; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [600000 fibers counted; 140 f/cc; 24 fibers counted; 0.007 f/cc]					
Bonner et al. 1977 HERO ID: 6904986 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Tennessee, US Scenario: Surface water from Horsepasture River below deposits (2.2-2.6 g/cm ³) (n = 2; DF = 0; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	
Bonner et al. 1977 HERO ID: 6904986 * <i>OQD: Medium</i>	Fiber Type: General; Size: NR Tennessee, US Scenario: Surface water from Pigeon River at U.S. 411 (n = 3; DF = 0; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Bonner et al. 1977 HERO ID: 6904986 * <i>OQD:</i> Medium	Fiber Type: General; Size: NR Tennessee, US Scenario: Surface water from French Broad River Upstream from Everett Rd. (n = 4; DF = 0; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Yoon et al. 2020 HERO ID: 6908584 * <i>OQD:</i> Low	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine),Tremolite,Actinolite; Size: NR Janghang, KR Scenario: Stream surface water samples taken within project area (n = 6; DF = 0; Sampling Period: Feb., 2020)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Table 12: Data Extraction Tables of Exposure Monitoring Studies for Terrestrial Species

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: NR Libby, MT, US Scenario: Tree bark from vermiculite mine restricted zone - TEM all sizes (n = 8; DF = NR; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: Not Reported LOQ: Not Reported	7000000 f/cm2	97000000 f/cm2	NR	NR	NR; NR;
Hart et al. 2007 HERO ID: 709489 <i>OQD:</i> High	Fiber Type: General; Size: NR Missoula, MT, US Scenario: Tree bark from control site - TEM all sizes (n = Not Reported; DF = 0; Sampling Period: Summer, 2006 - Fall, 2006)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 1), mass concentration (n = 3; DF = 1; Sampling Period: Nov., 2004)	LOD: 28000000 f/g LOQ: Not Reported	POINT VALUE(S): [530000000 f/g; 330000000 f/g; 140000000 f/g]				
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 1) (n = 3; DF = 1; Sampling Period: Nov., 2004)	LOD: 28000000 f/g LOQ: Not Reported	POINT VALUE(S): [100000000 f/cm2; 260000000 f/cm2; 40000000 f/cm2]				
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 2), mass concentration (n = 1; DF = 1; Sampling Period: Nov., 2004)	LOD: 23000000 f/g LOQ: Not Reported	POINT VALUE(S): [160000000 f/g]				
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 2) (n = 1; DF = 1; Sampling Period: Nov., 2004)	LOD: 23000000 f/g LOQ: Not Reported	POINT VALUE(S): [110000000 f/cm2]				
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 3), mass concentration (n = 2; DF = 1; Sampling Period: Nov., 2004)	LOD: 4100000 f/g LOQ: Not Reported	POINT VALUE(S): [41000000 f/g; 95000000 f/g]				
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 3) (n = 2; DF = 1; Sampling Period: Nov., 2004)	LOD: 4100000 f/g LOQ: Not Reported	POINT VALUE(S): [14000000 f/cm2; 54000000 f/cm2]				

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Asbestos

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Terrestrial Species

Table 12 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Albany, NY, US Scenario: Tree bark from a control site (Location 4), mass concentration (n = 1; DF = 0; Sampling Period: Nov., 2004)	LOD: 19000000 f/g LOQ: Not Reported				POINT VALUE(S): [ND]	
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Albany, NY, US Scenario: Tree bark from a control site (Location 4) (n = 1; DF = 0; Sampling Period: Nov., 2004)	LOD: 19000000 f/g LOQ: Not Reported				POINT VALUE(S): [ND]	
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 5), mass concentration (n = 1; DF = 1; Sampling Period: Jun., 2005)	LOD: 1200000 f/g LOQ: Not Reported				POINT VALUE(S): [19000000 f/g]	
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 5) (n = 1; DF = 1; Sampling Period: Jun., 2005)	LOD: 1200000 f/g LOQ: Not Reported				POINT VALUE(S): [5800000 f/cm2]	
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 7), mass concentration (n = 1; DF = 1; Sampling Period: Jun., 2005)	LOD: 130000 f/g LOQ: Not Reported				POINT VALUE(S): [130000 f/g]	
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 7) (n = 1; DF = 1; Sampling Period: Jun., 2005)	LOD: 130000 f/g LOQ: Not Reported				POINT VALUE(S): [250000 f/cm2]	
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 8), mass concentration (n = 1; DF = 0; Sampling Period: Jun., 2005)	LOD: 420000 f/g LOQ: Not Reported				POINT VALUE(S): [ND]	
Ward et al. 2006 HERO ID: 709515 <i>OQD:</i> Medium	Fiber Type: General; Size: <0.1 μm Libby, MT, US Scenario: Tree bark near a vermiculite mine (Location 8) (n = 1; DF = 0; Sampling Period: Jun., 2005)	LOD: 420000 f/g LOQ: Not Reported				POINT VALUE(S): [ND]	
Hart et al. 2009 HERO ID: 711563 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Tree bark from a Tamarack tree near a vermiculite mine (n = 3; DF = 1; Sampling Period: Fall, 2007)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [36989 s/cm2; 158583 s/cm2; 112336 s/cm2]	

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Terrestrial Species

Table 12 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Hart et al. 2009 HERO ID: 711563 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Libby, Montana, US Scenario: Tree bark from Douglas fir and Ponderosa pine trees near a vermiculite mine (n = 4; DF = 1; Sampling Period: Fall, 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [568137 s/cm ² ; 12356979 s/cm ² ; 15383941 s/cm ² ; 13377926 s/cm ²]					
Hart et al. 2009 HERO ID: 711563 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Missoula, Montana, US Scenario: Tree bark from a Ponderosa pine tree at a control site (n = 1; DF = 0; Sampling Period: Fall, 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND]					
Colombino et al. 2019 HERO ID: 6859532 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Caulonia, IT Scenario: Asbestos in lung from a boar (n = 1; DF = 1; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	
Colombino et al. 2019 HERO ID: 6859532 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Caulonia, IT Scenario: Asbestos in diaphragmatic nodules from a boar in Italy (n = 1; DF = 0; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	
Colombino et al. 2019 HERO ID: 6859532 <i>OQD:</i> Medium	Fiber Type: Tremolite,Actinolite; Size: NR Caulonia, IT Scenario: Asbestos in liver from a boar in Italy (n = 1; DF = 0; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

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Monitoring

Wastewater

Table 13: Data Extraction Tables of Exposure Monitoring Studies for Wastewater

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Manos et al. 1991 HERO ID: 3581418 <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Municipal sewage sludge from small cities (n = 19; DF = 0.84; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [NFAD %; NFAD %; NFAD %; 2-Jan %; 5-Mar %; 3-Feb %; 2-Jan %; 2-Jan %; 3-Feb %; <1 %; 2-Jan %; 2-Jan %; <1 %; 4-Feb %; 1 %; 2-Jan %; Trace %; Trace %; Trace-1 %]					
Manos et al. 1991 HERO ID: 3581418 † <i>OQD:</i> Medium	Fiber Type: General,Chrysotile (asbestiform of mineral serpentine); Size: NR US Scenario: Municipal sewage sludge from large cities (n = 32; DF = 0.44; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	
Stewart et al. 1977 HERO ID: 6893858 <i>OQD:</i> Medium	Fiber Type: Chrysotile (asbestiform of mineral serpentine); Size: >5 µm King City, CA, US Scenario: Effluent from plant sampled at open ditch at Union Carbide Mill (n = 1; DF = 1; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [>10000000 f/cc]					
Stewart et al. 1977 HERO ID: 6893858 <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Lead, SD, US Scenario: Dam effluent at Homestake Mine (n = 6; DF = 0.5; Sampling Period: Jul., 1975 - Oct., 1975)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [<0.63 f/cc; <0.63 f/cc; 0.19 f/cc; 0.28 f/cc; 89 f/cc; <0.064 f/cc]					
Bonner et al. 1977 HERO ID: 6904986 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Brevard, NC, US Scenario: Wastewater from Brevard sewage treatment plant after treatment (>2.9 g/cm ³) (n = 1; DF = 1; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [450 fibers counted; 0.45 f/cc]					
Bonner et al. 1977 HERO ID: 6904986 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Knoxville, TN, US Scenario: Wastewater from Knoxville sewage treatment plant after treatment (n = 3; DF = 0.666; Sampling Period: Aug., 1976)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [70 fibers counted; 0.07 f/cc; 968 fibers counted; 0.98 f/cc; ND; ND]					

† Unique scenario provided no summary statistics and reported more than twenty data point values, so the raw data was not extracted.

Table 14: Data Extraction Tables of Exposure Experimental Studies for Building Materials

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Sebastien et al. 1982 HERO ID: 185 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR Paris, FR (Author Affiliation) Scenario: Percent Chrysotile in spray ceiling tile material (n = 5; DF = 0)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0 %]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Low	Fiber Type: General; Size: NR New Jersey, US (Testing Location) Scenario: Air concentration after simulated abuse- District 9 (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3.8 f/mL; 2.9 f/mL]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Low	Fiber Type: General; Size: NR New Jersey, US (Testing Location) Scenario: Personal Sample Concentration after simulated abuse- District 9 (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.34 f/mL]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Low	Fiber Type: General; Size: NR New Jersey, US (Testing Location) Scenario: Air concentration after simulated abuse- District 20. (n = 2; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.2 f/mL; 0.0 f/mL]					
Nicholson et al. 1978 HERO ID: 252 <i>OQD:</i> Low	Fiber Type: General; Size: NR New Jersey, US (Testing Location) Scenario: Personal Sample Concentration after simulated abuse- District 20 (n = 1; DF = 0)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0 f/mL]					
Spurny et al. 1989 HERO ID: 380 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: NR Schmallenberg-Grafschaft, Germany, DE (Author Affiliation) Scenario: Concentration of General asbestos (n = 200; DF = NR)	LOD: Not Reported LOQ: Not Reported	100 f/m ³	14000000 f/m ³	370000 f/m ³ (AM)	NR	1640000 f/m ³ (ASD); NR;	
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Personal Concentration in Bystander Chamber (n = 53; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR; NR;	
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Area Concentration in Generalist Chamber (n = 48; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.007 f/cc (AM)	NR	NR; NR;	
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Area Concentration in Bystander Chamber (n = 48; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	0.002 f/cc (ASD); NR;	

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Table 14 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Personal Concentration in Generalist Chamber (n = 53; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOQ	NR	0.000 f/cc (ASD) ; NR;	
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Concentration from Installation-Generalist (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.011 f/cc]					
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Concentration from Installation-Bystander (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.011 f/cc]					
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Concentration from shape cutting-Generalist (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.020 f/cc]					
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Concentration from Shape cutting-Bystander (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.011 f/cc]					
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Concentration from perimeter cutting-Generalist (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.022 f/cc]					
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> High	Fiber Type: General; Size: NR Boise, ID, US (Author Affiliation) Scenario: Concentration from perimeter cutting-Bystander (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.044 f/cc]					
Lange et al. 2006 HERO ID: 3531066 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR PA, US (Product source) Scenario: Floor tile sampling using PLM (n = 81; DF = 1)	LOD: Not Reported LOQ: Not Reported	2 %	17 %	NR	NR	NR; NR;	
Lange et al. 2006 HERO ID: 3531066 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR PA, US (Product source) Scenario: Tile mastic sampling using PLM (n = 37; DF = 1)	LOD: Not Reported LOQ: Not Reported	2 %	15 %	NR	NR	NR; NR;	
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand scraping, C-8 Product (n = 6; DF = 0.33)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.0055 f/cc	0.0014 f/cc	NR (AM)	NR; NR;	

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Table 14 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand scraping, B-10 Product (n = 6; DF = 0.33)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.006 f/cc	0.0014 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand scraping, C-30 Product (n = 2; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.0023 f/cc	0.0012 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand scraping, 201 Product (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.016 f/cc	0.02 f/cc	0.018 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand scraping, D-21 Product (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.006 f/cc	0.0086 f/cc	0.0073 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand sanding, C-8 Product (n = 6; DF = 0.83)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.0076 f/cc	0.0040 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand sanding, B-10 Product (n = 6; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.006 f/cc	0.0038 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand sanding, C-30 Product (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.0048 f/cc	0.005 f/cc	0.0049 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand sanding, 201 Product (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.012 f/cc	0.027 f/cc	0.020 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during hand sanding, D-21 Product (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.0056 f/cc	0.0091 f/cc	0.0074 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration on clothing, C-8 Product (n = 6; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.011 f/cc	0.0024 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration on clothing, B-10 Product (n = 6; DF = 0.33)	LOD: Not Reported LOQ: Not Reported	0 f/cc	0.0035 f/cc	0.010 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during application, C-8 Product (n = 6; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during wet sanding, C-8 Product (n = 6; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration on tools, C-8 Product (n = 6; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during application, B-10 Product (n = 6; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration during wet sanding, B-10 Product (n = 6; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0 f/cc (AM)	NR	NR; NR;
Mowat et al. 2007 HERO ID: 3531219 <i>OQD:</i> High	Fiber Type: General; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Concentration on tools, B-10 Product (n = 6; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0 f/cc (AM)	NR	NR; NR;
Paustenbach et al. 2004 HERO ID: 3531298 <i>OQD:</i> High	Fiber Type: General; Chrysotile; Size: NR Menlo Park, CA, US (Author Affiliation) Scenario: Air concentrations when using coatings, mastics and adhesives (n = 452; DF = NR)	LOD: Not Reported LOQ: Not Reported	0.003 f/mL	0.040 f/mL	NR	NR	NR; NR;
Gottesfeld et al. 1989 HERO ID: 3581284 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR San Francisco Bay Area, CA, US (Product source) Scenario: Sample 56 (n = 10; DF = 0.5)	LOD: 1 % LOQ: Not Reported	POINT VALUE(S): [ND; ND; ND; ND; trace %; >0.1 but <1 %; Trace %; 1 %; 1 %; 5 %; 1 %; 5 %; trace %; 1 %; ND]				
Gottesfeld et al. 1989 HERO ID: 3581284 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR San Francisco Bay Area, CA, US (Product source) Scenario: Sample 32 (n = 9; DF = 0.22)	LOD: 1 % LOQ: Not Reported	POINT VALUE(S): [ND; ND; ND; ND; ND; ND; ND; 1 %; 5 %; 1 %; 5 %]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Gottesfeld et al. 1989 HERO ID: 3581284 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR San Francisco Bay Area, CA, US (Product source) Scenario: Sample 29 (n = 12; DF = 0.25)	LOD: 1 % LOQ: Not Reported	POINT VALUE(S): [ND; ND; ND; ND; ND; ND; ND; ND; ND; >0.1 but <1 %; ND; 1 %; trace %; 1 %]					
Gottesfeld et al. 1989 HERO ID: 3581284 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR San Francisco Bay Area, CA, US (Product source) Scenario: Girl's Locker Room (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	15 %	20 %	NR	NR	NR; NR;	
Spurny et al. 2000 HERO ID: 6865437 <i>OQD:</i> Medium	Fiber Type: General; Size: NR DE (Testing Location) Scenario: Fiber emissions from roofing (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	100,000 f/m ² /hr	1,000,000,000 f/m ² /hr	NR	NR	60,000,000 f/m ² /hr (ASD) ; NR;	
Burdett et al. 2009 HERO ID: 6867336 <i>OQD:</i> Medium	Fiber Type: General; Size: NR GB (Testing Location) Scenario: Concentration in indoor air before hitting the column (n = NR; DF = NR)	LOD: 0.003 f/mL LOQ: 0.01 f/mL	POINT VALUE(S): [ND; ND]					
Burdett et al. 2009 HERO ID: 6867336 <i>OQD:</i> Medium	Fiber Type: General; Size: NR GB (Testing Location) Scenario: Concentration in indoor air after hitting the column (n = NR; DF = NR)	LOD: 0.003 f/mL LOQ: 0.01 f/mL	POINT VALUE(S): [0.005 f/mL; 0.006 f/mL]					
Burdett et al. 2009 HERO ID: 6867336 <i>OQD:</i> Medium	Fiber Type: General; Size: NR GB (Testing Location) Scenario: Concentration in indoor air before slamming the door (n = NR; DF = NR)	LOD: 0.003 f/mL LOQ: 0.01 f/mL	POINT VALUE(S): [0.006 f/mL]					
Burdett et al. 2009 HERO ID: 6867336 <i>OQD:</i> Medium	Fiber Type: General; Size: NR GB (Testing Location) Scenario: Concentration in indoor air after slamming the door (n = NR; DF = NR)	LOD: 0.003 f/mL LOQ: 0.01 f/mL	POINT VALUE(S): [0.004 f/mL; 0.003 f/mL]					
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, ceiling tile, direct transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	total structures: 19.11 structures/mL					
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, ceiling tile, indirect transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	total structures: 289.03 structures/mL					

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Building Materials

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, floor tile, direct transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 0.36 structures/mL
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, floor tile, indirect transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 11.73 structures/mL
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, acoustic surfacing, direct transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 9.52 structures/mL
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, acoustic surfacing, indirect transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 43.95 structures/mL
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, fireproofing (15%), direct transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 4.31 structures/mL
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, fireproofing (15%), indirect transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 17.03 structures/mL
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, fireproofing (20%), direct transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 13.18 structures/mL
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, fireproofing (20%), indirect transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 98.66 structures/mL
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, pipe elbow cement, direct transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported					total structures: 5.93 structures/mL

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Table 14 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Chatfield et al. 1999 HERO ID: 6892000 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 5 µm Ontario, CA (Author Affiliation) Scenario: airborne particles, pipe elbow cement, indirect transfer TEM (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	total structures: 71.26 structures/mL				

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Table 15: Data Extraction Tables of Exposure Experimental Studies for Environmental Media

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Hardy et al. 1992 HERO ID: 28302 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: NR Boise, ID, US (Author Affiliation) Scenario: Concentration in air from impeller humidifier with Spada Reservoir water (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [0.48 f/cc]	
Hardy et al. 1992 HERO ID: 28302 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: NR Boise, ID, US (Author Affiliation) Scenario: Concentration in air from ultrasonic humidifier with Leached-ACP water (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [14.10 f/cc]	
Ward et al. 2009 HERO ID: 711564 <i>OQD:</i> Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Bulk Ash Concentration Trial A, simulated combustion of firewood (n = 1; DF = 1)	LOD: 14219577 structures/g LOQ: 19524377 structures/g				POINT VALUE(S): [136670640 structures/g; <AS structures/g]	
Ward et al. 2009 HERO ID: 711564 <i>OQD:</i> Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Bulk Ash Concentration Trial B, simulated combustion of firewood (n = 1; DF = 1)	LOD: 14219577 structures/g LOQ: 19524377 structures/g				POINT VALUE(S): [84004844 structures/g; <AS structures/g]	
Ward et al. 2009 HERO ID: 711564 <i>OQD:</i> Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Bulk Ash Concentration Trial C, simulated combustion of firewood (n = 1; DF = 0)	LOD: 14219577 structures/g LOQ: 19524377 structures/g				POINT VALUE(S): [17519735 structures/g; <AS structures/g]	
Ward et al. 2009 HERO ID: 711564 <i>OQD:</i> Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: PBZ Air Concentration by TEM from simulated combustion of firewood (n = NR; DF = NR)	LOD: 0.004 structures/mL LOQ: 0.02 structures/mL	<LOQ	0.05 structures/mL	<LOQ	NR	NR; NR;
Ward et al. 2009 HERO ID: 711564 <i>OQD:</i> Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial A, Tote location (n = 1; DF = 1)	LOD: 341 structures/cm2 LOQ: 10238 structures/cm2				POINT VALUE(S): [1024 structures/cm2; <AS structures/cm2]	
Ward et al. 2009 HERO ID: 711564 <i>OQD:</i> Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial A, First Elbow (n = 1; DF = 0)	LOD: 341 structures/cm2 LOQ: 10238 structures/cm2				POINT VALUE(S): [<AS structures/cm2; <AS structures/cm2]	

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Table 15 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ward et al. 2009 HERO ID: 711564 OQD: Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial A, Last Elbow (n = 1; DF = 0)	LOD: 341 structures/cm2 LOQ: 10238 structures/cm2				POINT VALUE(S): [10238 structures/cm2; 20476 structures/cm2]	
Ward et al. 2009 HERO ID: 711564 OQD: Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial A, last section of ductwork (n = 1; DF = 0)	LOD: 341 structures/g LOQ: 10238 structures/g				POINT VALUE(S): [<AS structures/cm2; <AS structures/cm2]	
Ward et al. 2009 HERO ID: 711564 OQD: Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial B, Tote location (n = 1; DF = 1)	LOD: 341 structures/cm2 LOQ: 10238 structures/cm2				POINT VALUE(S): [2560 structures/cm2; <AS structures/cm2]	
Ward et al. 2009 HERO ID: 711564 OQD: Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial B, First Elbow (n = 1; DF = 1)	LOD: 341 structures/cm2 LOQ: 10238 structures/cm2				POINT VALUE(S): [20476 structures/cm2; <AS structures/cm2]	
Ward et al. 2009 HERO ID: 711564 OQD: Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial B, Last Elbow (n = 1; DF = 1)	LOD: 341 structures/cm2 LOQ: 10238 structures/cm2				POINT VALUE(S): [14333 structures/cm2; 2048 structures/cm2]	
Ward et al. 2009 HERO ID: 711564 OQD: Medium	Fiber Type: General; Size: <5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial B last section of ductwork (n = 1; DF = 0)	LOD: 341 structures/g LOQ: 10238 structures/g				POINT VALUE(S): [<AS structures/cm2]	
Ward et al. 2009 HERO ID: 711564 OQD: Medium	Fiber Type: General; Size: >5 µm Libby, MT, US (Testing Location) Scenario: Wipe Sample (Dust Concentration) Trial B, last section of ductwork (n = 1; DF = 0)	LOD: 341 structures/g LOQ: 10238 structures/g				POINT VALUE(S): [<AS structures/cm2]	
U.S. EPA et al. 2000 HERO ID: 783704 OQD: High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Region 10 simulation -potting soil prep, AHERA/TEM (Indirect/Modified EPA-II) (n = 2; DF = 1)	LOD: 0.031 structures/cc LOQ: Not Reported				POINT VALUE(S): [0.847 structures/cc; 0.564 structures/cc]	

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Environmental Media

Table 15 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Region 10 simulation -potting soil prep, NIOSH 7402/TEM (Indirect -Modified EPA-II) (n = 4; DF = 1)	LOD: 0.025-0.380 structures/cc LOQ: Not Reported	POINT VALUE(S): [0.202 structures/cc; 0.373 structures/cc; 0.380 structures/cc; 0.080 structures/cc]					
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Region 10 simulation -sample packing simulation, TEM-Direct analysis (n = 8; DF = 1)	LOD: 0.032-0.064 structures/cc LOQ: Not Reported	0.16 f/cc	0.95 f/cc	NR	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Springfield, VA, US (Testing Location) Scenario: Versar study simulation of vermiculite handling (indoors), area, all fibers (n = NR; DF = NR)	LOD: 0.0229 structures/cc LOQ: Not Reported	ND	0.0961 structures/cc	NR	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Actinolite; Size: >5 µm Springfield, VA, US (Testing Location) Scenario: Versar study simulation of vermiculite handling (indoors), area, >5µm fiber length (n = NR; DF = NR)	LOD: 0.0229 structures/cc LOQ: Not Reported	ND	0.0769 structures/cc	NR	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Springfield, VA, US (Testing Location) Scenario: Versar study simulation of vermiculite handling (indoors), personal, all fibers (n = NR; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.6255 structures/cc	0.7536 structures/cc	NR	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Actinolite; Size: >5 µm Springfield, VA, US (Testing Location) Scenario: Versar study simulation of vermiculite handling (indoors), personal, >5µm (n = NR; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.4170 structures/cc	0.6594 structures/cc	NR	NR	NR; NR;	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Springfield, VA, US (Testing Location) Scenario: Versar study simulation of vermiculite handling (outdoors), area (n = NR; DF = 0)	LOD: 0.0155 structures/cc LOQ: Not Reported	POINT VALUE(S): [ND]					
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Springfield, VA, US (Testing Location) Scenario: Versar study simulation of vermiculite handling (outdoors), personal (n = NR; DF = 0)	LOD: 0.0718 structures/cc LOQ: Not Reported	POINT VALUE(S): [ND]					

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Experimental

Environmental Media

Table 15 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Jiang et al. 2008 HERO ID: 2602094 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: >5 μm Santa Rosa, CA, US (Testing Location) Scenario: Measured air concentration after clothes handling simulation, first worker, TEM (n = 2; DF = 0.5)	LOD: 0.004 f/cc LOQ: Not Reported	0.004 f/cc	0.007 f/cc	0.006 f/cc (AM)	NR	NR; NR;
Jiang et al. 2008 HERO ID: 2602094 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: >5 μm Santa Rosa, CA, US (Testing Location) Scenario: Measured air concentration after clothes handling simulation, first worker, PCMadj (n = 2; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	0.000 f/cc	0.005 f/cc	0.003 f/cc (AM)	NR	NR; NR;
Jiang et al. 2008 HERO ID: 2602094 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: >5 μm Santa Rosa, CA, US (Testing Location) Scenario: Measured air concentration after clothes handling simulation, second worker, TEM (n = 2; DF = 0)	LOD: 0.004-0.005 f/cc LOQ: Not Reported	ND	ND	ND	NR	NR; NR;
Jiang et al. 2008 HERO ID: 2602094 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: >5 μm Santa Rosa, CA, US (Testing Location) Scenario: Measured air concentration after clothes handling simulation, second worker, PCMadj (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000 f/cc (AM)	NR	NR; NR;
Jiang et al. 2008 HERO ID: 2602094 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: >5 μm Santa Rosa, CA, US (Testing Location) Scenario: Measured air concentration after clothes handling simulation, bystander, TEM (n = 2; DF = 0)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Jiang et al. 2008 HERO ID: 2602094 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: >5 μm Santa Rosa, CA, US (Testing Location) Scenario: Measured air concentration after clothes handling simulation, bystander, PCMadj (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000 f/cc (AM)	NR	NR; NR;
Jiang et al. 2008 HERO ID: 2602094 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: >5 μm Santa Rosa, CA, US (Testing Location) Scenario: Measured air concentration after clothes handling simulation, remote, TEM (n = 1; DF = 0)	LOD: 0.004 f/cc LOQ: Not Reported	NR	NR	0.004 f/cc (AM)	NR	NR; NR;
Jiang et al. 2008 HERO ID: 2602094 <i>OQD:</i> Medium	Fiber Type: General; Chrysotile; Size: >5 μm Santa Rosa, CA, US (Testing Location) Scenario: Measured air concentration after clothes handling simulation, remote, PCMadj (n = 1; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.000 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Jones et al. 2010 HERO ID: 2620594 <i>OQD:</i> High	Fiber Type: General; Size: >5 µm Libby, MT, US (Product source) Scenario: Airborne Asbestos Concentration from Libby Soil 2, 0% moisture (n = 5; DF = 1)	LOD: 1 fibers LOQ: Not Reported	NR	NR	0.493 f/mL (AM)	NR	0.202 f/mL (ASD); NR;
Jones et al. 2010 HERO ID: 2620594 <i>OQD:</i> High	Fiber Type: General; Size: >5 µm Libby, MT, US (Product source) Scenario: Airborne Asbestos Concentration from Libby Soil 2, 5% moisture (n = 5; DF = 1)	LOD: 1 fiber LOQ: Not Reported	NR	NR	0.199 f/mL (AM)	NR	0.162 f/mL (ASD); NR;
Jones et al. 2010 HERO ID: 2620594 <i>OQD:</i> High	Fiber Type: General; Size: >5 µm Libby, MT, US (Product source) Scenario: Airborne Asbestos Concentration from Libby Soil 2, 10% moisture (n = 5; DF = 0.8)	LOD: 1 fibers LOQ: Not Reported	NR	NR	0.038 f/mL (AM)	NR	0.024 f/mL (ASD); NR;
Madl et al. 2014 HERO ID: 3077980 <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Pittsburgh, PA; San Francisco, CA; Boulder, CO; Aliso Viejo, CA., US (Author Affiliation) Scenario: Measured air concentration take home exposure, users, TEM method (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.010 f/cc	0.010 f/cc	0.010 f/cc (AM)	NR	NR; NR;
Madl et al. 2014 HERO ID: 3077980 <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Pittsburgh, PA; San Francisco, CA; Boulder, CO; Aliso Viejo, CA., US (Author Affiliation) Scenario: Measured air concentration take home exposure, users, PCME method (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.008 f/cc	0.008 f/cc	0.008 f/cc (AM)	NR	NR; NR;
Madl et al. 2014 HERO ID: 3077980 <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Pittsburgh, PA; San Francisco, CA; Boulder, CO; Aliso Viejo, CA., US (Author Affiliation) Scenario: Measured air concentration take home exposure, bystanders, TEM method (n = 2; DF = 0)	LOD: 0.003 f/cc LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Madl et al. 2014 HERO ID: 3077980 <i>OQD:</i> Medium	Fiber Type: General; Size: >5 µm Pittsburgh, PA; San Francisco, CA; Boulder, CO; Aliso Viejo, CA., US (Author Affiliation) Scenario: Measured air concentration take home exposure, remote, TEM method (n = 2; DF = 0)	LOD: 0.002-0.003 f/cc LOQ: Not Reported	ND	ND	ND	NR	ND; NR;
Millette et al. 1976 HERO ID: 6913073 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: 0.45µm Cincinnati, OH, US (Testing Location) Scenario: Sample count in 4-in pipe (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	14 f/L	1950 f/L	475 f/L (AM)	NR	NR; NR;

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Table 15 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Millette et al. 1976 HERO ID: 6913073 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, OH, US (Testing Location) Scenario: Sample count in 6-in pipe (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	360 f/L	2570 f/L	1350 f/L (AM)	NR	NR; NR;

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Consumer Products

Table 16: Data Extraction Tables of Exposure Experimental Studies for Consumer Products

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Bulk Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Region 10 Study, Group 1, Bag 1 (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [0.56 %; 0.47 %]	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Bulk Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Region 10 Study, Group 2, Bag 1 (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [1.88 %]	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: Tremolite; Size: NR Seattle, WA, US (Product source) Scenario: Bulk Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Region 10 Study, Group 3, Bag 1 (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [0.10 %; 2.79 %]	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Bulk Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Region 10 Study, Group 2 Bag 2 (n = 1; DF = 0)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [ND]	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Bulk Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Versar Study, bottom of bag (n = 1; DF = 0)	LOD: Not Reported LOQ: 0.1 %				POINT VALUE(S): [BQL %]	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Bulk Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Versar Study, composite sample (n = 1; DF = 0)	LOD: Not Reported LOQ: 0.1 %				POINT VALUE(S): [ND]	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Bulk Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Versar Study, bottom 1/3 of bag (n = 1; DF = 0)	LOD: Not Reported LOQ: 0.1 %				POINT VALUE(S): [BQL %]	

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Consumer Products

Table 16 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Sieving method Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Versar Study, bottom of bag (n = 1; DF = 0)	LOD: Not Reported LOQ: 0.1 %	POINT VALUE(S): [<0.1 % %]					
U.S. EPA et al. 2000 HERO ID: 783704 <i>OQD:</i> High	Fiber Type: General; Tremolite; Actinolite; Size: NR Seattle, WA, US (Product source) Scenario: Sieving method Concentration of Zonolite Chemical Packaging Vermiculite by TEM, Versar Study, composite sample (n = 1; DF = 0)	LOD: Not Reported LOQ: 0.1 %	POINT VALUE(S): [ND]					
Madl et al. 2009 HERO ID: 2591959 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Stockton, CA; Big Rock, IL, US (Testing Location) Scenario: Measured TEM concentration from worker clothes handling (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	0.002 f/cc	0.020 f/cc	0.011 f/cc (AM); 0.007 f/cc (GM)	NR	0.010 f/cc (ASD); NR;	
Madl et al. 2009 HERO ID: 2591959 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Stockton, CA; Big Rock, IL, US (Testing Location) Scenario: Measured PCME concentration from worker clothes handling (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	0.032 f/cc	0.039 f/cc	0.036 f/cc (AM)	NR	0.0 f/cc (ASD) ; NR;	
Madl et al. 2009 HERO ID: 2591959 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Stockton, CA; Big Rock, IL, US (Testing Location) Scenario: Measured TEM concentration from bystander clothes handling (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.003 f/cc	0.020 f/cc	0.012 f/cc (AM); 0.008 f/cc (GM)	NR	0.012 f/cc (ASD); NR;	
Madl et al. 2009 HERO ID: 2591959 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Stockton, CA; Big Rock, IL, US (Testing Location) Scenario: Measured PCME concentration from bystander clothes handling (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	0.003 f/cc	0.018 f/cc	0.010 f/cc (AM)	NR	0.011 f/cc (ASD); NR;	
Madl et al. 2009 HERO ID: 2591959 <i>OQD:</i> Medium	Fiber Type: General; Size: NR Stockton, CA; Big Rock, IL, US (Testing Location) Scenario: Measured TEM concentration from remote area clothes handling (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	0.001 f/cc	0.002 f/cc	0.001 f/cc (AM); 0.001 f/cc (GM)	NR	0.000 f/cc (ASD); NR;	
Madl et al. 2008 HERO ID: 2601402 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 µm Santa Rosa, CA, US (Testing Location) Scenario: Measured concentration of worker clothes handling using TEM (n = 4; DF = 0.75)	LOD: Not Reported LOQ: Not Reported	0.003 f/cc	0.020 f/cc	0.009 f/cc (AM)	NR	NR; NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Madl et al. 2008 HERO ID: 2601402 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 µm Santa Rosa, CA, US (Testing Location) Scenario: Measured concentration of worker clothes handling using PCME (n = 3; DF = NR)	LOD: Not Reported LOQ: Not Reported	0.007 f/cc	0.015 f/cc	0.011 f/cc (AM)	NR	NR; NR;
Madl et al. 2008 HERO ID: 2601402 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 µm Santa Rosa, CA, US (Testing Location) Scenario: Measured concentration of bystander clothes handling using TEM (n = 4; DF = 0.25)	LOD: Not Reported LOQ: Not Reported	0.002 f/cc	0.008 f/cc	0.004 f/cc (AM)	NR	NR; NR;
Madl et al. 2008 HERO ID: 2601402 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 µm Santa Rosa, CA, US (Testing Location) Scenario: Measured concentration of bystander clothes handling using PCME (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.010 f/cc	0.010 f/cc	0.010 f/cc (AM)	NR	NR; NR;
Madl et al. 2008 HERO ID: 2601402 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 µm Santa Rosa, CA, US (Testing Location) Scenario: Measured concentration of remote area clothes handling using TEM (n = 2; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	0.002 f/cc	0.003 f/cc	0.002 f/cc (AM)	NR	NR; NR;
Madl et al. 2008 HERO ID: 2601402 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 µm Santa Rosa, CA, US (Testing Location) Scenario: Measured concentration of remote area clothes handling using PCME (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	0.002 f/cc	0.002 f/cc	0.002 f/cc (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: All activities, ventilation settings, and mitts (n = 33; DF = NR)	LOD: Not Reported LOQ: Not Reported	< 0.06 f/mL	0.55 f/mL	NR	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass rowing, no ventilation, average 1 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.12 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass rowing, no ventilation, average 2 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.20 f/mL (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass rowing, no ventilation, average 3 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.22 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass rowing, no ventilation, average 4 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.23 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass rowing, no ventilation, average 5 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.27 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass rowing, no ventilation, average 7 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.53 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, no ventilation, average 1 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.28 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, no ventilation, average 2 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.36 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, no ventilation, average 3 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.45 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, no ventilation, average 4 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.50 f/mL (AM)	NR	NR; NR;

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Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, no ventilation, average 1 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.35 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, no ventilation, average 2 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.38 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, no ventilation, average 3 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.42 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, no ventilation, average 4 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.46 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, no ventilation, average 5 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.52 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, no ventilation, average 6 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.55 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass rowing, high ventilation (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.04 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, high ventilation, average 1 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.03 f/mL (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, high ventilation, average 2 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.04 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, high ventilation, average 3 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.08 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, high ventilation, average 4 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.09 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass repair, high ventilation, average 5 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.10 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, high ventilation, average 1 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.08 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, high ventilation, average 2 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.10 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, high ventilation, average 3 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.13 f/mL (AM)	NR	NR; NR;
Cherrie et al. 2005 HERO ID: 3079914 OQD: Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with side seal, high ventilation, average 4 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.15 f/mL (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cherrie et al. 2005 HERO ID: 3079914 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR Edinburgh, Aberdeen, and Lincoln, GB (Author Affiliation) Scenario: Measured concentrations in personal air with glass rowing, no ventilation, average 6 (n = NR; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.47 f/mL (AM)	NR	NR; NR;
Lee et al. 1995 HERO ID: 3081634 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR US (Product source) Scenario: Concentration in canning wax - 1950 (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	Number of asbestos structures: 33 count				
Lee et al. 1995 HERO ID: 3081634 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: NR US (Product source) Scenario: Concentration in canning wax - 1980 (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	Number of asbestos structures: 4 count				
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling , loading low #1 (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.014 f/cc (AM)	NR	0.006 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling , loading low #2 (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.014 f/cc (AM)	NR	0.007 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling , loading medium #1 (n = 2; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.068 f/cc (AM)	NR	0.084 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling , loading high #1 (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.097 f/cc (AM)	NR	0.043 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling , loading high #2 (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.085 f/cc (AM)	NR	0.021 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling , loading low #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling , loading low #2 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling , loading medium #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.094 f/cc (AM)	NR	0.133 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling , loading high #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.103 f/cc (AM)	NR	0.010 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling , loading high #2 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.155 f/cc (AM)	NR	0.040 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minutes immediately after active clothes handling , loading low #1 (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.014 f/cc (AM)	NR	0.006 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minutes immediately after active clothes handling , loading low #2 (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.013 f/cc (AM)	NR	0.006 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minutes immediately after active clothes handling , loading medium #1 (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.009 f/cc (AM)	NR	0.000 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minutes immediately after active clothes handling , loading high #1 (n = 2; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.014 f/cc (AM)	NR	0.006 f/cc (ASD) ; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2014 HERO ID: 3093967 OQD: Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minutes immediately after active clothes handling , loading high #2 (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.011 f/cc (AM)	NR	0.006 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 OQD: Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minutes immediately after active clothes handling , loading low #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 OQD: Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minutes immediately after active clothes handling , loading low #2 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 OQD: Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minutes immediately after active clothes handling , loading medium #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 OQD: Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minutes immediately after active clothes handling , loading high #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.062 f/cc (AM)	NR	0.087 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 OQD: Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minutes immediately after active clothes handling , loading high #2 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 OQD: Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading low #1 (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.007 f/cc (AM)	NR	0.003 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 OQD: Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading low #2 (n = 2; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.007 f/cc (AM)	NR	0.003 f/cc (ASD) ; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading medium #1 (n = 2; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.021 f/cc (AM)	NR	0.018 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading medium #2 (n = 4; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.006 f/cc (AM)	NR	0.002 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading high #1 (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.050 f/cc (AM)	NR	0.021 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured TEM concentration from 15 minute active clothes handling and 15 minute inactivity, loading high #2 (n = 2; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.063 f/cc (AM)	NR	0.067 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading low #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading low #2 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading medium #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.017 f/cc (AM)	NR	0.024 f/cc (ASD) ; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading medium #2 (n = 4; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading high #1 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.051 f/cc (AM)	NR	0.026 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured PCME concentration from 15 minute active clothes handling and 15 minute inactivity, loading high #2 (n = 2; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.073 f/cc (AM)	NR	0.077 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading low #1 (n = 4; DF = 0.25)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.003 f/cc (AM)	NR	0.002 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading low #2 (n = 4; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.002 f/cc (AM)	NR	0.001 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading medium #1 (n = 4; DF = 0.75)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.008 f/cc (AM)	NR	0.007 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading medium #2 (n = 4; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.003 f/cc (AM)	NR	0 f/cc (ASD) ; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander TEM concentration from 15 minute active clothes handling and 15 minute inactivity , loading high #1 (n = 4; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.006 f/cc (AM)	NR	0.003 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander TEM concentration from 15 minute active clothes handling and 15 minute inactivity, loading high #2 (n = 4; DF = 0.75)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.011 f/cc (AM)	NR	0.010 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading low #1 (n = 4; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.001 f/cc (AM)	NR	0.002 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading low #2 (n = 4; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading medium #1 (n = 4; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.006 f/cc (AM)	NR	0.010 f/cc (ASD) ; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading medium #2 (n = 4; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander PCME concentration from 15 minute active clothes handling and 15 minute inactivity , loading high #1 (n = 4; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.006 f/cc (AM)	NR	0.002 f/cc (ASD) ; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: >5 μm US (Testing Location) Scenario: Measured bystander PCME concentration from 15 minute active clothes handling and 15 minute inactivity, loading high #2 (n = 4; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.013 f/cc (AM)	NR	0.012 f/cc (ASD) ; NR;
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR KR (Testing Location) Scenario: Measured weight fraction in refrigerators (n = 20; DF = 0.5)	LOD: Not Reported LOQ: Not Reported	14 %	50 %	NR	NR	NR; NR;
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR KR (Testing Location) Scenario: Measured weight fraction in kimchi-refrigerators (n = 24; DF = 0.67)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [10 %]				
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR KR (Testing Location) Scenario: Measured weight fraction in washing machines (n = 23; DF = 0.13)	LOD: Not Reported LOQ: Not Reported	8 %	20 %	NR	NR	NR; NR;
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR KR (Testing Location) Scenario: Measured weight fraction in bicycles (n = 16; DF = 0.19)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [4 %; 7 %; 30 %]				
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR KR (Testing Location) Scenario: Measured weight fraction in gas boiler (n = 15; DF = 0.33)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [25 %; 7 %; 2 %; 10 %; 20 %; 15 %; 3 %; 2 %]				
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: General; Size: NR KR (Testing Location) Scenario: Measured weight fraction in small appliances (n = 227; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: General; Size: NR KR (Testing Location) Scenario: Measured air concentration around refrigerators (n = NR; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: General; Size: NR KR (Testing Location) Scenario: Measured air concentration around kimchi refrigerators (n = NR; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: General; Size: NR KR (Testing Location) Scenario: Measured air concentration around washing machine (n = NR; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Hwang et al. 2016 HERO ID: 3530979 <i>OQD:</i> Low	Fiber Type: General; Size: NR KR (Testing Location) Scenario: Measured air concentration around bicycle (n = NR; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;
Weir et al. 2001 HERO ID: 3531556 <i>OQD:</i> Low	Fiber Type: Chrysotile; Size: NR Texas, US (Author Affiliation) Scenario: Measured concentration from coveralls worn by brake service personnel (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.72 f/cc]				
Rohl et al. 1975 HERO ID: 3615573 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 0.25-8 μm New York City, NY, US (Product source) Scenario: Chrysotile content in spackling compounds (n = 15; DF = 0.20)	LOD: Not Reported LOQ: Not Reported	5 %	10 %	NR	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Size: 0.25-8 μm New York City, NY, US (Product source) Scenario: Chrysotile content in drywall tape (n = 10; DF = 0.90)	LOD: Not Reported LOQ: Not Reported	5 %	12 %	NR	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.25-8 μm New York City, NY, US (Product source) Scenario: Tremolite content in spackling compounds (n = 15; DF = 0.07)	LOD: Not Reported LOQ: Not Reported	4 %	6 %	NR	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 <i>OQD:</i> Medium	Fiber Type: Tremolite; Size: 0.25-8 μm New York City, NY, US (Product source) Scenario: Tremolite content in drywall tape (n = 10; DF = 0.10)	LOD: Not Reported LOQ: Not Reported	5 %	7 %	NR	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: 0.25-8 μm New York City, NY, US (Product source) Scenario: Anthophyllite content in spackling compounds (n = 15; DF = 0.07)	LOD: Not Reported LOQ: Not Reported	10 %	12 %	NR	NR	NR; NR;
Rohl et al. 1975 HERO ID: 3615573 <i>OQD:</i> Medium	Fiber Type: Anthophyllite; Size: 0.25-8 μm New York City, NY, US (Product source) Scenario: Anthophyllite content in drywall tape (n = 10; DF = 0)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR; NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
U.S. EPA et al. 1989 HERO ID: 6901552 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, Ohio, US (Author Affiliation) Scenario: Concentration emitted from 100-m carpet, before cleaning, extraction (wet) (n = 9; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0673	NR	0.0947 structures per cubic centimeter (ASD); NR;
U.S. EPA et al. 1989 HERO ID: 6901552 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, Ohio, US (Author Affiliation) Scenario: Concentration emitted from 100-m carpet, before cleaning, HEPA-vacuum (dry) (n = 9; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0571	NR	0.0300 structures per cubic centimeter (ASD); NR;
U.S. EPA et al. 1989 HERO ID: 6901552 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, Ohio, US (Author Affiliation) Scenario: Concentration emitted from 100-m carpet, during cleaning, extraction (wet) (n = 9; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.1639	NR	0.1020 structures per cubic centimeter (ASD); NR;
U.S. EPA et al. 1989 HERO ID: 6901552 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, Ohio, US (Author Affiliation) Scenario: Concentration emitted from 100-m carpet, during cleaning, HPEA-vacuum (dry) (n = 9; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.2531	NR	0.1729 structures per cubic centimeter (ASD); NR;
U.S. EPA et al. 1989 HERO ID: 6901552 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, Ohio, US (Author Affiliation) Scenario: Concentration emitted from 1-b carpet, before cleaning, extraction (wet) (n = 16; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.0761	NR	0.0425 structures per cubic centimeter (ASD); NR;
U.S. EPA et al. 1989 HERO ID: 6901552 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, Ohio, US (Author Affiliation) Scenario: Concentration emitted from 1-b carpet, before cleaning, HEPA-vacuum (dry) (n = 16; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.1424	NR	0.1340 structures per cubic centimeter (ASD); NR;
U.S. EPA et al. 1989 HERO ID: 6901552 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, Ohio, US (Author Affiliation) Scenario: Concentration emitted from 1-b carpet, during cleaning, extraction (wet) (n = 16; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.1577	NR	0.0602 structures per cubic centimeter (ASD); NR;

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
U.S. EPA et al. 1989 HERO ID: 6901552 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: 0.45 μ m Cincinnati, Ohio, US (Author Affiliation) Scenario: Concentration emitted from 1-b carpet, during cleaning, HEPA-vacuum (dry) (n = 16; DF = NR)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.2248	NR	0.1114 structures per cubic centimeter (ASD); NR;
Saltzman et al. 2000 HERO ID: 10273451 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Anthophyllite; Tremolite; Size: >5 Washington, D.C., US (Author Affiliation) Scenario: Concentration weight fraction in children's crayons (n = 21; DF = 0.05)	LOD: 0.01-0.05 % LOQ: Not Reported	<LOD	0.03 %	NR	NR	NR; NR;
Saltzman et al. 2000 HERO ID: 10273451 <i>OQD:</i> Medium	Fiber Type: Chrysotile; Anthophyllite; Tremolite; Size: >5 Washington, D.C., US (Author Affiliation) Scenario: Air concentration during forceful drawing with crayons (n = 7; DF = 0)	LOD: 0.009 f/mL LOQ: Not Reported	NR	NR	<LOD	NR	NR; NR;

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Other

Table 17: Data Extraction Tables of Exposure Experimental Studies for Other

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance	
Dodson et al. 1998 HERO ID: 3081085 <i>OQD:</i> Low	Fiber Type: Chrysotile; Crocidolite; Amosite; Anthophyllite; Tremolite; Actinolite; Size: 0.5 µm St. Louis, MO; Houston, TX; Riverdale, NJ; unspecified, US (Product source) Scenario: Asbestos in unused paraffin (n = 5; DF = 0.2)	LOD: 1013-1060 fibers/gram LOQ: Not Reported	POINT VALUE(S): [1060 fibers/gram]					
Sahmel et al. 2016 HERO ID: 3093966 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: ≥ 5 µm Pennsylvania, US (Testing Location) Scenario: personal air concentration while handling clothes, 45 minutes (n = 18; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.57 f/cc (AM)	NR	NR; NR;	
Sahmel et al. 2016 HERO ID: 3093966 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: ≥ 5 µm Pennsylvania, US (Testing Location) Scenario: air concentration in bystander zone during clothes handling, 45 minutes (n = 24; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.63 f/cc (AM)	NR	NR; NR;	
Abelmann et al. 2017 HERO ID: 6864776 <i>OQD:</i> High	Fiber Type: General; Chrysotile; Crocidolite; Size: > 5 µm Monroeville, PA, US (Testing Location) Scenario: Clothes handler, PCM (n = 16; DF = 1)	LOD: 7 f/mm2 LOQ: Not Reported	NR	NR	0.55 f/cc (AM)	NR	0.36 f/cc (ASD); NR;	
Abelmann et al. 2017 HERO ID: 6864776 <i>OQD:</i> High	Fiber Type: General; Chrysotile; Crocidolite; Size: > 5 µm Monroeville, PA, US (Testing Location) Scenario: Clothes handler, TEM (n = 16; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.43 f/cc (AM)	NR	0.25 f/cc (ASD); NR;	
Abelmann et al. 2017 HERO ID: 6864776 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: > 5 µm Monroeville, PA, US (Testing Location) Scenario: Clothes handler, PCME, chrysotile (n = 16; DF = 1)	LOD: <0.0081- <0.0088 f/cc LOQ: Not Reported	NR	NR	0.36 f/cc (AM)	NR	0.26 f/cc (ASD); NR;	
Abelmann et al. 2017 HERO ID: 6864776 <i>OQD:</i> High	Fiber Type: General; Chrysotile; Crocidolite; Size: > 5 µm Monroeville, PA, US (Testing Location) Scenario: Bystander, PCM (n = 8; DF = 1)	LOD: 7 f/mm2 LOQ: Not Reported	NR	NR	0.37 f/cc (AM)	NR	0.14 f/cc (ASD); NR;	
Abelmann et al. 2017 HERO ID: 6864776 <i>OQD:</i> High	Fiber Type: General; Chrysotile; Crocidolite; Size: > 5 µm Monroeville, PA, US (Testing Location) Scenario: Bystander, TEM (n = 8; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.38 f/cc (AM)	NR	0.25 f/cc (ASD); NR;	
Abelmann et al. 2017 HERO ID: 6864776 <i>OQD:</i> High	Fiber Type: Chrysotile; Size: > 5 µm Monroeville, PA, US (Testing Location) Scenario: Bystander, PCME, chrysotile (n = 8; DF = 1)	LOD: <0.0081- <0.0088 f/cc LOQ: Not Reported	NR	NR	0.23 f/cc (AM)	NR	0.10 f/cc (ASD); NR;	

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Abelmann et al. 2017 HERO ID: 6864776 <i>OQD:</i> High	Fiber Type: Crocidolite; Size: > 5 µm Monroeville, PA, US (Testing Location) Scenario: Clothes handler, PCME, crocidolite (n = 16; DF = 1)	LOD: <0.0081- <0.0088 f/cc LOQ: Not Reported	NR	NR	0.17 f/cc (AM)	NR	0.096 f/cc (ASD); NR;
Abelmann et al. 2017 HERO ID: 6864776 <i>OQD:</i> High	Fiber Type: Crocidolite; Size: > 5 µm Monroeville, PA, US (Testing Location) Scenario: Bystander, PCME, crocidolite (n = 8; DF = 1)	LOD: <0.0081- <0.0088 f/cc LOQ: Not Reported	NR	NR	0.11 f/cc (AM)	NR	0.037 f/cc (ASD); NR;

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Modeling

Ambient Air

Table 18: Data Extraction Tables of Exposure Modeling Studies for Ambient Air

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Lorber et al. 2007 HERO ID: 194465 * <i>OQD:</i> Medium	Fiber Type: General; ; Size: >5 µm New York, NY, US (Modeled Location) Scenario: Estimated Lifetime Average Concentration for General Population near WTC Ground Zero Sept. 2001.	NR	NR	4.3e-06 f/cc (AM)	NR	NR; NR;
Van Der walt et al. 2009 HERO ID: 733681 <i>OQD:</i> Medium	Fiber Type: Crocidolite; ; Size: NR Northern Cape Province, ZA (Modeled Location) Scenario: Estimated concentration, ambient air, 1 meter from source	POINT VALUE(S): [0.005 f/mL; 0.008 f/mL; 0.021 f/mL; 0.141 f/mL; 13343.288 f/mL; 32659.076 f/mL]				
Van Der walt et al. 2009 HERO ID: 733681 <i>OQD:</i> Medium	Fiber Type: Crocidolite; ; Size: NR Northern Cape Province, ZA (Modeled Location) Scenario: Estimated concentration, ambient air, 10 meters from source	POINT VALUE(S): [0.005 f/mL; 0.008 f/mL; 0.021 f/mL; 0.14 f/mL; 13341.848 f/mL; 32656.241 f/mL]				
Van Der walt et al. 2009 HERO ID: 733681 <i>OQD:</i> Medium	Fiber Type: Crocidolite; ; Size: NR Northern Cape Province, ZA (Modeled Location) Scenario: Estimated concentration, ambient air, 100 meters from source	POINT VALUE(S): [0.002 f/mL; 0.005 f/mL; 0.018 f/mL; 0.133 f/mL; 13327.452 f/mL; 32627.904 f/mL]				
Van Der walt et al. 2009 HERO ID: 733681 <i>OQD:</i> Medium	Fiber Type: Crocidolite; ; Size: NR Northern Cape Province, ZA (Modeled Location) Scenario: Estimated concentration, ambient air, 1,000 meters from source	POINT VALUE(S): [0.0 f/mL; 0.0 f/mL; 0.004 f/mL; 0.081 f/mL; 13184.347 f/mL; 32345.884 f/mL]				
Van Der walt et al. 2009 HERO ID: 733681 <i>OQD:</i> Medium	Fiber Type: Crocidolite; ; Size: NR Northern Cape Province, ZA (Modeled Location) Scenario: Estimated concentration, ambient air, 10,000 meters from source	POINT VALUE(S): [0.0 f/mL; 0.0 f/mL; 0.0 f/mL; 0.001 f/mL; 11835.143 f/mL; 29656.336 f/mL]				
Van Der walt et al. 2009 HERO ID: 733681 <i>OQD:</i> Medium	Fiber Type: Crocidolite; ; Size: NR Northern Cape Province, ZA (Modeled Location) Scenario: Estimated concentration, ambient air, 100,000 meters from source	POINT VALUE(S): [0.0 f/mL; 0.0 f/mL; 0.0 f/mL; 0.0 f/mL; 4020.89 f/mL; 12448.076 f/mL]				
Van Der walt et al. 2009 HERO ID: 733681 <i>OQD:</i> Medium	Fiber Type: Crocidolite; ; Size: NR Northern Cape Province, ZA (Modeled Location) Scenario: Estimated concentration, ambient air, 1,000,000 meters from source	POINT VALUE(S): [0.0 f/mL; 0.0 f/mL; 0.0 f/mL; 0.0 f/mL; 0.082 f/mL; 2.113 f/mL]				
Van Der walt et al. 2009 HERO ID: 733681 <i>OQD:</i> Medium	Fiber Type: Crocidolite; ; Size: NR Northern Cape Province, ZA (Modeled Location) Scenario: Estimated total dosage of exposure, 20-year resident near source	POINT VALUE(S): [870.0 fiber years]				
Thornburg et al. 2010 HERO ID: 1076917 <i>OQD:</i> Medium	Fiber Type: General; ; Size: NR King City, CA, US (Modeled Location) Scenario: Modeled Breathing Zone Concentration from Trailing Wake (Motorcycle Riding)	0.005 structures/cm ³	9.83 structures/cm ³	NR	25th: 0.21 structures/cm ³ ; 50th: 0.59 structures/cm ³ ; 75th: 0.736 structures/cm ³ ;	NR; NR;

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Ambient Air

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Thornburg et al. 2010 HERO ID: 1076917 <i>OQD:</i> Medium	Fiber Type: General; ; Size: NR Nooksack, WA, US (Modeled Location) Scenario: Modeled Breathing Zone Concentration in Quiescent Environment (Yard Work)	0.01 structures/cm ³	0.08 structures/cm ³	NR	25th: 0.02 structures/cm ³ ; 50th: 0.031 structures/cm ³ ; 75th: 0.042 structures/cm ³ ;	NR; NR;
Boelter et al. 2014 HERO ID: 2533547 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: NR Chicago, Illinois, US (Author Affiliation) Scenario: Estimated annual cumulative exposure for DIYer	NR	NR	0.0015 f/cm ³ / year (AM); 0.001 f/cm ³ / year (GM)	5th: 0.00017 f/cm ³ / year; 95th: 0.0039 f/cm ³ / year;	0.0013 f/cm ³ / year (ASD) ; NR;
Azuma et al. 2009 HERO ID: 2593628 <i>OQD:</i> Low	Fiber Type: General; ; Size: NR Amagasaki City, Osaka Prefecture, Tokyo (Koto, Shinjuku, Bunkyo), JP (Modeled Location) Scenario: Peak asbestos concentrations	3.0 f/L	8.0 f/L	NR	NR	NR; NR;
Nolan et al. 2005 HERO ID: 3079942 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: >= 5 µm New York City, NY, US (Modeled Location) Scenario: Estimated concentration in air	NR	NR	NR	95th: 4e-05 f/mL;	NR; NR;
Nolan et al. 2005 HERO ID: 3079942 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: >= 5 µm New York City, NY, US (Modeled Location) Scenario: Estimated cumulative lifetime exposure, resident	POINT VALUE(S): [0.0009 f/mL]				
CAREX Canada et al. 2017 HERO ID: 3978368 * <i>OQD:</i> Medium	Fiber Type: General; ; Size: NR Not specified, CA (Publication) Scenario: Modeled Ambient Air Lifetime Hourly Concentration	NR	0.00067 f/mL	1.3e-06 f/mL (AM)	NR	NR; NR;

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

Table 19: Data Extraction Tables of Exposure Modeling Studies for Dietary

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
ATSDR et al. 2014 HERO ID: 3544410 <i>OQD:</i> Low	Fiber Type: General; ; Size: NR Port Heiden, Alaska, US (Product Source) Scenario: Estimated weight percentage					POINT VALUE(S): [0.00125 %]

Table 20: Data Extraction Tables of Exposure Modeling Studies for Indoor Air

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2016 HERO ID: 3093966 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: $\geq 5 \mu\text{m}$ Monroeville, PA, US (Modeled Location) Scenario: Cumulative Exposure for Bystander During and Post Shakeout, Low Occupational Loading					
Sahmel et al. 2016 HERO ID: 3093966 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: $\geq 5 \mu\text{m}$ Monroeville, PA, US (Modeled Location) Scenario: Cumulative Exposure for Bystander During and Post Shakeout, Moderate Occupational Loading					
Sahmel et al. 2016 HERO ID: 3093966 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: $\geq 5 \mu\text{m}$ Monroeville, PA, US (Modeled Location) Scenario: Cumulative Exposure for Bystander During and Post Shakeout, High Occupational Loading					
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> Low	Fiber Type: General; Chrysotile; Amosite; ; Size: NR Boise, ID, US (Author Affiliation) Scenario: DIY Yearly Exposure	NR	NR	0.0 f/cc-year (AM)	5th: 0.0 f/cc-year; 50th: 0.0 f/cc-year; 95th: 0.0 f/cc-year;	0.0 f/cc-year (ASD); NR;
Boelter et al. 2016 HERO ID: 3520468 <i>OQD:</i> Low	Fiber Type: General; Chrysotile; Amosite; ; Size: NR Boise, ID, US (Author Affiliation) Scenario: Bystanders Yearly Exposure	NR	NR	0.0 f/cc-year (AM)	5th: 0.0 f/cc-year; 50th: 0.0 f/cc-year; 95th: 0.001 f/cc-year;	0.0 f/cc-year (ASD); NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, maximum output, complete mixing, during a single operation of the hairdryer	NR	NR	53.0 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, maximum output, complete mixing, after the hairdryer is off	NR	NR	8.6 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, maximum output, complete mixing, entire on-off period	NR	NR	10.0 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, maximum output, complete mixing, during a single operation of the hairdryer	NR	NR	29.0 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, maximum output, complete mixing, after the hairdryer is off	NR	NR	5.0 ng/m ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, maximum output, complete mixing, entire on-off period	NR	NR	5.5 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, maximum output, complete mixing, during a single operation of the hairdryer	NR	NR	15.0 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, maximum output, complete mixing, after the hairdryer is off	NR	NR	2.4 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, maximum output, complete mixing, entire on-off period	NR	NR	2.5 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, median output, complete mixing, during a single operation of the hairdryer	NR	NR	3.5 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, median output, complete mixing, after the hairdryer is off	NR	NR	0.6 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, median output, complete mixing, entire on-off period	NR	NR	0.7 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, median output, complete mixing, during a single operation of the hairdryer	NR	NR	1.9 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, median output, complete mixing, after the hairdryer is off	NR	NR	0.3 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, median output, complete mixing, entire on-off period	NR	NR	0.3 ng/m ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, median output, complete mixing, during a single operation of the hairdryer	NR	NR	1.0 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, median output, complete mixing, after the hairdryer is off	NR	NR	0.2 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, median output, complete mixing, entire on-off period	NR	NR	0.2 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, minimum output, complete mixing, during a single operation of the hairdryer	NR	NR	0.016 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, minimum output, complete mixing, after the hairdryer is off	NR	NR	0.0026 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, minimum output, complete mixing, entire on-off period	NR	NR	0.0032 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, minimum output, complete mixing, during a single operation of the hairdryer	NR	NR	0.0087 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, minimum output, complete mixing, after the hairdryer is off	NR	NR	0.0015 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, minimum output, complete mixing, entire on-off period	NR	NR	0.0017 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, minimum output, complete mixing, during a single operation of the hairdryer	NR	NR	0.0045 ng/m ³ (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, minimum output, complete mixing, after the hairdryer is off	NR	NR	0.00074 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, minimum output, complete mixing, entire on-off period	NR	NR	0.00078 ng/m ³ (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, maximum output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.064 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, maximum output, incomplete mixing, after the hairdryer is off	NR	NR	0.005 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, maximum output, incomplete mixing, entire on-off period	NR	NR	0.0075 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, maximum output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.051 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, maximum output, incomplete mixing, after the hairdryer is off	NR	NR	0.0029 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, maximum output, incomplete mixing, entire on-off period	NR	NR	0.0039 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, maximum output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.043 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 OQD: High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, maximum output, incomplete mixing, after the hairdryer is off	NR	NR	0.0014 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, maximum output, incomplete mixing, entire on-off period	NR	NR	0.0018 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, median output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.0025 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, median output, incomplete mixing, after the hairdryer is off	NR	NR	0.00029 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, median output, incomplete mixing, entire on-off period	NR	NR	0.00038 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, median output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.0017 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, median output, incomplete mixing, after the hairdryer is off	NR	NR	0.00017 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, median output, incomplete mixing, entire on-off period	NR	NR	0.0002 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, median output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.0012 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, median output, incomplete mixing, after the hairdryer is off	NR	NR	8.1e- 05 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, median output, incomplete mixing, entire on-off period	NR	NR	9.3e- 05 f/cc (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, minimum output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.00021 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, minimum output, incomplete mixing, after the hairdryer is off	NR	NR	1.8e- 05 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: One hour use, minimum output, incomplete mixing, entire on-off period	NR	NR	2.6e- 05 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, minimum output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.00016 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, minimum output, incomplete mixing, after the hairdryer is off	NR	NR	1.1e- 05 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Half-hour use, minimum output, incomplete mixing, entire on-off period	NR	NR	1.4e- 05 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, minimum output, incomplete mixing, during a single operation of the hairdryer	NR	NR	0.00013 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, minimum output, incomplete mixing, after the hairdryer is off	NR	NR	5.2e- 06 f/cc (AM)	NR	NR; NR;
Hallenbeck et al. 1981 HERO ID: 3583816 <i>OQD:</i> High	Fiber Type: General; ; Size: NR Chicago, IL, US (Author Affiliation) Scenario: Quarter-hour use, minimum output, incomplete mixing, entire on-off period	NR	NR	6.5e- 06 f/cc (AM)	NR	NR; NR;
CAREX Canada et al. 2017 HERO ID: 3978368 * <i>OQD:</i> Medium	Fiber Type: General; ; Size: NR Not specified, CA (Publication) Scenario: Modeled Indoor Air Lifetime Hourly Concentration	NR	0.0056 f/mL	5.7e-06 f/mL (AM)	NR	NR; NR;

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Vernez et al. 2019 HERO ID: 6874591 * OQD: High	Fiber Type: General; ; Size: NR CH (Modeled Location) Scenario: Pupils average scenario yearly exposure concentration	NR	NR	59.0 F/m ³ (AM)	NR	NR; NR;
Vernez et al. 2019 HERO ID: 6874591 * OQD: High	Fiber Type: General; ; Size: NR CH (Modeled Location) Scenario: Pupils pessimistic (1) scenario yearly exposure concentration	NR	NR	128.0 F/m ³ (AM)	NR	NR; NR;
Vernez et al. 2019 HERO ID: 6874591 * OQD: High	Fiber Type: General; ; Size: NR CH (Modeled Location) Scenario: Pupils pessimistic (2) scenario yearly exposure concentration	NR	NR	155.0 F/m ³ (AM)	NR	NR; NR;
Vernez et al. 2019 HERO ID: 6874591 * OQD: High	Fiber Type: General; ; Size: NR CH (Modeled Location) Scenario: Teachers average scenario yearly exposure concentration	NR	NR	52.0 F/m ³ (AM)	NR	NR; NR;
Vernez et al. 2019 HERO ID: 6874591 * OQD: High	Fiber Type: General; ; Size: NR CH (Modeled Location) Scenario: Teachers pessimistic (1) scenario yearly exposure concentration	NR	NR	140.0 F/m ³ (AM)	NR	NR; NR;
Vernez et al. 2019 HERO ID: 6874591 * OQD: High	Fiber Type: General; ; Size: NR CH (Modeled Location) Scenario: Teachers pessimistic (2) scenario yearly exposure concentration	NR	NR	170.0 F/m ³ (AM)	NR	NR; NR;

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

Table 21: Data Extraction Tables of Exposure Modeling Studies for Other

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2016 HERO ID: 3093966 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: $\geq 5 \mu\text{m}$ Monroeville, PA, US (Modeled Location) Scenario: Cumulative Exposure for Clothes Handler During and Post Shakeout, Low Occupational Loading					POINT VALUE(S): [16.0 f/cc-hour]
Sahmel et al. 2016 HERO ID: 3093966 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: $\geq 5 \mu\text{m}$ Monroeville, PA, US (Modeled Location) Scenario: Cumulative Exposure for Clothes Handler during and Post Shakeout, Moderate Occupational Loading					POINT VALUE(S): [160.0 f/cc-hour]
Sahmel et al. 2016 HERO ID: 3093966 <i>OQD:</i> Medium	Fiber Type: Chrysotile; ; Size: $\geq 5 \mu\text{m}$ Monroeville, PA, US (Modeled Location) Scenario: Cumulative Exposure for Clothes Handler During and Post Shakeout, High Occupational Loading					POINT VALUE(S): [1400.0 f/cc-hour]

Table 22: Data Extraction Tables of Exposure Modeling Studies for Soil

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Emmanouil et al. 2009 HERO ID: 2604491 <i>OQD:</i> Low	Fiber Type: General; Chrysotile; ; Size: 0.1 μm Zidani, Kozani Prefecture, GR (Modeled Location) Scenario: Estimated concentration in soil deposits	NR	NR	27.15 % (AM)	NR	NR; NR;

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Product/Article

Table 23: Data Extraction Tables of Exposure Modeling Studies for Product/Article

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Finley et al. 2012 HERO ID: 2692980 * <i>OQD:</i> High	Fiber Type: Chrysotile; ; Size: NR San Francisco, CA, US (Author Affiliation) Scenario: Estimated concentration in joint compound (1)					POINT VALUE(S): [14.85 %]
Finley et al. 2012 HERO ID: 2692980 * <i>OQD:</i> High	Fiber Type: Tremolite; ; Size: NR San Francisco, CA, US (Author Affiliation) Scenario: Estimated concentration in joint compound (2)					POINT VALUE(S): [0.15 %]
Finley et al. 2012 HERO ID: 2692980 * <i>OQD:</i> High	Fiber Type: Tremolite; ; Size: NR San Francisco, CA, US (Author Affiliation) Scenario: Estimated cumulative exposure via joint compound					POINT VALUE(S): [0.0006 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose from clothes handling, Low loading 1					POINT VALUE(S): [0.00052 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose from clothes handling, Low loading 2					POINT VALUE(S): [0.00052 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose from clothes handling, Medium loading 1					POINT VALUE(S): [0.0016 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose from clothes handling, Medium loading 2					POINT VALUE(S): [0.00044 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose from clothes handling, High loading 1					POINT VALUE(S): [0.0037 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose from clothes handling, High loading 2					POINT VALUE(S): [0.0047 f/cc-year]

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose for bystander of clothes handling, Low loading 1					POINT VALUE(S): [0.00016 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose for bystander of clothes handling, Low loading 2					POINT VALUE(S): [0.00011 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose for bystander of clothes handling, Medium loading 1					POINT VALUE(S): [0.00043 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose for bystander of clothes handling, Medium loading 2					POINT VALUE(S): [0.00016 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose for bystander of clothes handling, High loading 1					POINT VALUE(S): [0.00032 f/cc-year]
Sahmel et al. 2014 HERO ID: 3093967 <i>OQD:</i> High	Fiber Type: General; Chrysotile; ; Size: NR Boulder, CO; San Francisco, CA; Aliso Viejo, CA; Sanibel, FL; Monroeville, PA., US (Author Affiliation) Scenario: Estimated lifetime cumulative dose for bystander of clothes handling, High loading 2					POINT VALUE(S): [0.00059 f/cc-year]

* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

Glossary of Select Terms for Data Extraction Tables

Asbestos

Table 24: Glossary of Select Terms for Data Extraction

Term	Definition
μ -	micro-
μm	micrometer(s)
ACM	Asbestos Containing Material
ACP	Asbestos Containing Pipe
AFS	TWA full-shift analyzed data
AHERA	Asbestos Hazard Emergency Response Act
AK	Alaska
AM	Arithmetic Mean
APS	TWA partial-shift analyzed data
AQ	Antarctica
AS	Analytical Sensitivity
ASD	Arithmetic Standard Deviation
AST	Analyzed data only
AU	Australia
AZ	Arizona
BFS	TWA analyzed plus modeled data
BQL	Below Quantification limit
BST	Analyzed plus modeled data
CA	Canada
CA, US	California, United States
cc	cubic centimeter
CH	Switzerland
CL	Chile
cm^3	cubic centimeter
CO, US	Colorado, United States
CT	Connecticut
DC	District of Columbia
DE	Germany
DF	Detection Frequency
DIY	Do it yourself
EPA	Environmental Protection Agency
f	fibers
FI	Finland
FL	Florida
FR	France
ft	Feet
g	grams
GA	Georgia, United States
GB	Great Britain
GM	Geometric Mean
GR	Greece
HEPA	High efficiency particulate air filter
hr	hour
IA	Iowa
ID	Idaho
IL	Illinois
ISO	International Organization for Standardization
IT	Italy
JP	Japan

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Asbestos

Glossary of Select Terms for Data Extraction Tables

Table 24 ... continued from previous page

Term	Definition
KR	Republic of Korea
KS	Kansas
L	liter
LA	Libby Amphibole
LOD	Limit of Detection
LOQ	Limit of Quantification
m	meter
m-	milli-
m ²	square meter
m ³	cubic meter
MA	Massachusetts
MD	Maryland
mL	milliliter
MN	Minnesota
MO	Missouri
mph	Miles per hour
MT	Montana
n	Sample Size
n-	nano-
NC	North Carolina
ND	Non-Detect
ng	nanograms
NIOSH	National Institute for Occupational Safety & Health
NJ	Norway
NR	Not Reported
NW	Northwest
NY	New York
OH	Ohio
OK	Oklahoma
OQD	Overall Quality Determination
OR	Oregon
PA	Pennsylvania
PBZ	Personal Breathing Zone
PCM	Phase Contrast Microscopy
PCME	Phase Contrast Microscopy equivalent
PCOM	Phase Contrast Optical Microscopy
PL	Poland
PLM	Polarized Light Microscopy
Rd	Road
RS	Serbia
RV	Recreational Vehicle
s-	structures
SD	South Dakota
SEM	Scanning Electron Microscopy
TEM	Transmission Electron Microscopy
TN	Tennessee
TR	Turkey
TWA	Time-Weighted Average
TX	Texas
US	United States of America
VT	Vermont
WA	Washington
WI	Wisconsin

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Glossary of Select Terms for Data Extraction Tables

Asbestos

Table 24 ... continued from previous page

Term	Definition
WR	William Russell
WRG	W.R. Grace & Co.
XRD	X-Ray Diffraction Analysis
ZA	South Africa
ZAI	Zonolite Attic Insulation