

Wave IV Ambient Air Pollutants: Daily Particulate Matter

Title

Wave IV Ambient Air Pollutants: Daily Particulate Matter

Abstract

These files include 365 daily exposure estimates of ambient air pollutants (individual pollutants/particulate matter/gases) for each Add Health study participant in Wave IV.

Variables: 30

Observations: 5,685,078

Variables

Wave IV Ambient Air Pollutants: Daily Particulate Matter

- [APPM0801 - NUMBER OF DAYS BEFORE WAVE 4 INTERVIEW](#)
- [APPM0802 - DAILY PM: PMIJ](#)
- [APPM0803 - DAILY PM: ANH4IJ](#)
- [APPM0804 - DAILY PM: O3](#)
- [APPM0805 - DAILY PM: H2O2](#)
- [APPM0806 - DAILY PM: AALJ](#)
- [APPM0807 - DAILY PM: ACAK](#)
- [APPM0808 - DAILY PM: AMNJ](#)
- [APPM0809 - DAILY PM: PM10](#)
- [APPM0810 - DAILY PM: AOCIJ](#)
- [APPM0811 - DAILY PM: NO2](#)
- [APPM0812 - DAILY PM: CO](#)
- [APPM0813 - DAILY PM: ASIJ](#)
- [APPM0814 - DAILY PM: AMGJ](#)
- [APPM0815 - DAILY PM: ANAIJ](#)
- [APPM0816 - DAILY PM: ASO4IJ](#)
- [APPM0817 - DAILY PM: AECIJ](#)
- [APPM0818 - DAILY PM: HNO3](#)
- [APPM0819 - DAILY PM: SO2](#)
- [APPM0820 - DAILY PM: ATIJ](#)
- [APPM0821 - DAILY PM: AKJ](#)
- [APPM0822 - DAILY PM: ANAK](#)
- [APPM0823 - DAILY PM: ANO3IJ](#)


- [APPM0824 - DAILY PM: TNO3](#)
- [APPM0825 - DAILY PM: HONO](#)
- [APPM0826 - DAILY PM: AFEJ](#)
- [APPM0827 - DAILY PM: ACAJ](#)
- [APPM0828 - DAILY PM: AKK](#)
- [APPM0829 - DAILY PM: ACLIJ](#)

 APPM0801 - NUMBER OF DAYS BEFORE WAVE 4 INTERVIEW


Type	Numeric (Double)
APPM0801	Number of Days Before Wave 4 Interview

 APPM0802 - DAILY PM: PMIJ


Type	Numeric (Double)
APPM0802	Daily PM: PMIJ

 APPM0803 - DAILY PM: ANH4IJ

Type	Numeric (Double)
APPM0803	Daily PM: ANH4IJ

 APPM0804 - DAILY PM: O3


Type	Numeric (Double)
APPM0804	Daily PM: O3

 APPM0805 - DAILY PM: H2O2


Type	Numeric (Double)
APPM0805	Daily PM: H2O2

 APPM0806 - DAILY PM: AALJ

Type	Numeric (Double)
APPM0806	Daily PM: AALJ

 APPM0807 - DAILY PM: ACAK

Type	Numeric (Double)
APPM0807	Daily PM: ACAK

 APPM0808 - DAILY PM: AMNJ

Type	Numeric (Double)
APPM0808	Daily PM: AMNJ

 APPM0809 - DAILY PM: PM10

Type	Numeric (Double)
APPM0809	Daily PM: PM10

 APPM0810 - DAILY PM: AOCIJ

Type	Numeric (Double)
APPM0810	Daily PM: AOCIJ

 APPM0811 - DAILY PM: NO2

Type	Numeric (Double)
APPM0811	Daily PM: NO2

 APPM0812 - DAILY PM: CO

Type	Numeric (Double)
APPM0812	Daily PM: CO

 APPM0813 - DAILY PM: ASIJ

Type	Numeric (Double)
APPM0813	Daily PM: ASIJ

 APPM0814 - DAILY PM: AMGJ

Type	Numeric (Double)
APPM0814	Daily PM: AMGJ

 APPM0815 - DAILY PM: ANAIJ

Type	Numeric (Double)
APPM0815	Daily PM: ANAIJ

 APPM0816 - DAILY PM: ASO4IJ

Type	Numeric (Double)
APPM0816	Daily PM: ASO4IJ

 APPM0817 - DAILY PM: AECIJ


Type	Numeric (Double)
APPM0817	Daily PM: AECIJ

 APPM0818 - DAILY PM: HNO3


Type	Numeric (Double)
APPM0818	Daily PM: HNO3

 APPM0819 - DAILY PM: SO2

Type	Numeric (Double)
APPM0819	Daily PM: SO2

 APPM0820 - DAILY PM: ATIJ

Type	Numeric (Double)
APPM0820	Daily PM: ATIJ

 APPM0821 - DAILY PM: AKJ

Type	Numeric (Double)
APPM0821	Daily PM: AKJ

 APPM0822 - DAILY PM: ANAK

Type	Numeric (Double)
APPM0822	Daily PM: ANAK

 APPM0823 - DAILY PM: ANO3IJ

Type	Numeric (Double)
APPM0823	Daily PM: ANO3IJ

 APPM0824 - DAILY PM: TNO3

Type	Numeric (Double)
APPM0824	Daily PM: TNO3

 APPM0825 - DAILY PM: HONO

Type	Numeric (Double)
APPM0825	Daily PM: HONO

 APPM0826 - DAILY PM: AFEJ

Type	Numeric (Double)
APPM0826	Daily PM: AFEJ

 APPM0827 - DAILY PM: ACAJ

Type	Numeric (Double)
APPM0827	Daily PM: ACAJ

 APPM0828 - DAILY PM: AKK


Type	Numeric (Double)
APPM0828	Daily PM: AKK

 APPM0829 - DAILY PM: ACLIJ

Type	Numeric (Double)
APPM0829	Daily PM: ACLIJ

Logical Products


Data Layouts

 Wave IV Ambient Air Polltants: Daily Particulate Matter

Wave IV Ambient Air Polltants: Daily Particulate Matter

 APPM0801 - NUMBER OF DAYS BEFORE WAVE 4 INTERVIEW


Type	Numeric (Double)
APPM0801	Number of Days Before Wave 4 Interview

 APPM0802 - DAILY PM: PMIJ

Type	Numeric (Double)
APPM0802	Daily PM: PMIJ

 APPM0803 - DAILY PM: ANH4IJ

Type	Numeric (Double)
APPM0803	Daily PM: ANH4IJ

 APPM0804 - DAILY PM: O3

Type	Numeric (Double)
APPM0804	Daily PM: O3

 APPM0805 - DAILY PM: H2O2

Type	Numeric (Double)
APPM0805	Daily PM: H2O2

 APPM0806 - DAILY PM: AALJ

Type	Numeric (Double)
APPM0806	Daily PM: AALJ

APPM0807 - DAILY PM: ACAK	
Type	Numeric (Double)
APPM0807	Daily PM: ACAK

APPM0808 - DAILY PM: AMNJ	
Type	Numeric (Double)
APPM0808	Daily PM: AMNJ

APPM0809 - DAILY PM: PM10	
Type	Numeric (Double)
APPM0809	Daily PM: PM10

APPM0810 - DAILY PM: AOIJ	
Type	Numeric (Double)
APPM0810	Daily PM: AOIJ

APPM0811 - DAILY PM: NO2	
Type	Numeric (Double)
APPM0811	Daily PM: NO2

APPM0812 - DAILY PM: CO	
Type	Numeric (Double)
APPM0812	Daily PM: CO

APPM0813 - DAILY PM: ASIJ	
Type	Numeric (Double)
APPM0813	Daily PM: ASIJ

APPM0814 - DAILY PM: AMGJ	
Type	Numeric (Double)
APPM0814	Daily PM: AMGJ


APPM0815 - DAILY PM: ANAIJ	
Type	Numeric (Double)
APPM0815	Daily PM: ANAIJ

APPM0816 - DAILY PM: ASO4IJ	
Type	Numeric (Double)

APPM0816	Daily PM: ASO4IJ
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 APPM0817 - DAILY PM: AECIJ


Type	Numeric (Double)
APPM0817	Daily PM: AECIJ

 APPM0818 - DAILY PM: HNO3

Type	Numeric (Double)
APPM0818	Daily PM: HNO3

 APPM0819 - DAILY PM: SO2

Type	Numeric (Double)
APPM0819	Daily PM: SO2

 APPM0820 - DAILY PM: ATIJ

Type	Numeric (Double)
APPM0820	Daily PM: ATIJ

 APPM0821 - DAILY PM: AKJ

Type	Numeric (Double)
APPM0821	Daily PM: AKJ

 APPM0822 - DAILY PM: ANAK

Type	Numeric (Double)
APPM0822	Daily PM: ANAK

 APPM0823 - DAILY PM: ANO3IJ

Type	Numeric (Double)
APPM0823	Daily PM: ANO3IJ

 APPM0824 - DAILY PM: TNO3

Type	Numeric (Double)
APPM0824	Daily PM: TNO3

 APPM0825 - DAILY PM: HONO


Type	Numeric (Double)
APPM0825	Daily PM: HONO

 APPM0826 - DAILY PM: AFEJ

Type	Numeric (Double)
APPM0826	Daily PM: AFEJ

 APPM0827 - DAILY PM: ACAJ

Type	Numeric (Double)
APPM0827	Daily PM: ACAJ

 APPM0828 - DAILY PM: AKK

Type	Numeric (Double)
APPM0828	Daily PM: AKK

 APPM0829 - DAILY PM: ACLIJ

Type	Numeric (Double)
APPM0829	Daily PM: ACLIJ

Physical Instances

 Wave IV Ambient Air Polltants: Daily Particulate Matter

Title	Wave IV Ambient Air Polltants: Daily Particulate Matter
File Name	aappm4.sas7bdat
Case Quantity	5685078
Variable Count	29

 APPM0801 - NUMBER OF DAYS BEFORE WAVE 4 INTERVIEW

Type	Numeric (Double)
APPM0801	Number of Days Before Wave 4 Interview

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0	365	182.49999...	105.65471...

 APPM0802 - DAILY PM: PMIJ


Type	Numeric (Double)
APPM0802	Daily PM: PMIJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.0435281	420.662	12.535425...	8.5192044...

 APPM0803 - DAILY PM: ANH4IJ

Type	Numeric (Double)
APPM0803	Daily PM: ANH4IJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	3.39E-11	16.2201	0.9704767...	0.8550339...

 APPM0804 - DAILY PM: O3


Type	Numeric (Double)
APPM0804	Daily PM: O3

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.105627	119.461	26.376818...	11.632982...

 APPM0805 - DAILY PM: H2O2

Type	Numeric (Double)
APPM0805	Daily PM: H2O2

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	3.71E-10	14.3457	0.6235092...	0.6806763...

 APPM0806 - DAILY PM: AALJ

Type	Numeric (Double)
APPM0806	Daily PM: AALJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	1.35E-5	6.56802	0.1051510...	0.1007040...

 APPM0807 - DAILY PM: ACAK

Type	Numeric (Double)
APPM0807	Daily PM: ACAK

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	4.27E-5	29.1566	0.3052096...	0.5737619...

 APPM0808 - DAILY PM: AMNJ

Type	Numeric (Double)
APPM0808	Daily PM: AMNJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	3.74E-7	0.132677	0.0028805...	0.0034899...

 APPM0809 - DAILY PM: PM10

Type	Numeric (Double)
APPM0809	Daily PM: PM10

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.0465357	522.59	19.494594...	16.954042...

 APPM0810 - DAILY PM: AOCIJ


Type	Numeric (Double)
APPM0810	Daily PM: AOCIJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.00530942	193.36	2.5661223...	2.3817250...

 APPM0811 - DAILY PM: NO2

Type	Numeric (Double)
APPM0811	Daily PM: NO2

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.0426955	117.919	14.338029...	11.134651...

 APPM0812 - DAILY PM: CO

Type	Numeric (Double)
APPM0812	Daily PM: CO

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	39.5657	4556.4	277.09425...	167.29028...

 APPM0813 - DAILY PM: ASIJ

Type	Numeric (Double)
APPM0813	Daily PM: ASIJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	3.95E-5	22.401	0.3105991...	0.2885287...

 APPM0814 - DAILY PM: AMGJ

Type	Numeric (Double)
APPM0814	Daily PM: AMGJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	1.01E-5	0.577406	0.0167079...	0.0149541...

 APPM0815 - DAILY PM: ANAIJ

Type	Numeric (Double)
APPM0815	Daily PM: ANAIJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	3.16E-5	4.59026	0.0808634...	0.0743674...

 APPM0816 - DAILY PM: ASO4IJ

Type	Numeric (Double)
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APPM0816	Daily PM: ASO4IJ
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.0124023	40.7621	2.2925425...	1.8342047...

APPM0817 - DAILY PM: AECIJ

Type	Numeric (Double)
APPM0817	Daily PM: AECIJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.00300889	38.1845	1.3397661...	1.2867068...

APPM0818 - DAILY PM: HNO3

Type	Numeric (Double)
APPM0818	Daily PM: HNO3

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	2.28E-13	13.1103	0.5783255...	0.5769584...

APPM0819 - DAILY PM: SO2

Type	Numeric (Double)
APPM0819	Daily PM: SO2

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0	167.592	2.2635853...	2.4795050...

APPM0820 - DAILY PM: ATIJ

Type	Numeric (Double)
APPM0820	Daily PM: ATIJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	1.26E-6	2.13629	0.0128407...	0.0194744...

APPM0821 - DAILY PM: AKJ

Type	Numeric (Double)
APPM0821	Daily PM: AKJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	2.39E-4	11.6559	0.1010018...	0.0860184...

APPM0822 - DAILY PM: ANAK

Type	Numeric (Double)
APPM0822	Daily PM: ANAK

Valid	Invalid	Minimum	Maximum	Mean	StdDev

5685078	0	1.8E-5	32.5331	0.4653343...	0.9295865...
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 APPM0823 - DAILY PM: ANO3IJ

Type	Numeric (Double)
APPM0823	Daily PM: ANO3IJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	3.58E-13	27.1402	1.2888266...	1.9005593...

 APPM0824 - DAILY PM: TNO3


Type	Numeric (Double)
APPM0824	Daily PM: TNO3

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.00278764	39.3705	3.2433362...	3.1281705...

 APPM0825 - DAILY PM: HONO

Type	Numeric (Double)
APPM0825	Daily PM: HONO

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	1.12E-4	5.43732	0.2088493...	0.3111210...

 APPM0826 - DAILY PM: AFEJ

Type	Numeric (Double)
APPM0826	Daily PM: AFEJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	2.18E-5	3.87095	0.0883000...	0.0906074...

 APPM0827 - DAILY PM: ACAJ

Type	Numeric (Double)
APPM0827	Daily PM: ACAJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	2.04E-5	10.92	0.1387867...	0.1742833...

 APPM0828 - DAILY PM: AKK

Type	Numeric (Double)
APPM0828	Daily PM: AKK

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	1.37E-5	8.42683	0.1062893...	0.1849963...

 APPM0829 - DAILY PM: ACLIJ

Type	Numeric (Double)
APPM0829	Daily PM: ACLIJ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	3.49E-13	12.4682	0.0778322...	0.1495322...