

Wave IV Ambient Air Pollutants: Individual Pollutants

Title

Wave IV Ambient Air Pollutants: Individual Pollutants

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: 23

Observations: 5,685,078

Variables

Wave IV Ambient Air Pollutants: Individual Pollutants


- [APIP081 - NUMBER OF DAYS BEFORE WAVE 4 INTERVIEW](#)
- [APIP0821 - EC: CMAQ](#)
- [APIP0822 - EC: POST MEAN](#)
- [APIP0823 - EC: POST STANDARD DEVIATION](#)
- [APIP0831 - NH4: CMAQ](#)
- [APIP0832 - NH4: POST MEAN](#)
- [APIP0833 - NH4: POST STANDARD DEVIATION](#)
- [APIP0841 - NO2: CMAQ](#)
- [APIP0842 - NO2: POST MEAN](#)
- [APIP0843 - NO2: POST STANDARD DEVIATION](#)
- [APIP0851 - NO3: CMAQ](#)
- [APIP0852 - NO3: POST MEAN](#)
- [APIP0853 - NO3: POST STANDARD DEVIATION](#)
- [APIP0861 - O3: CMAQ](#)
- [APIP0862 - O3: POST MEAN](#)
- [APIP0863 - O3: POST STANDARD DEVIATION](#)
- [APIP0871 - OC: CMAQ](#)
- [APIP0872 - OC: POST MEAN](#)
- [APIP0873 - OC: POST STANDARD DEVIATION](#)
- [APIP0881 - SO4: CMAQ](#)
- [APIP0882 - SO4: POST MEAN](#)
- [APIP0883 - SO4: POST STANDARD DEVIATION](#)

APIP081 - NUMBER OF DAYS BEFORE WAVE 4 INTERVIEW

Type

Numeric (Double)

APIP081	Number of Days Before Wave 4 Interview
 APIP0821 - EC: CMAQ	
Type	Numeric (Double)
APIP0821	EC: CMAQ
 APIP0822 - EC: POST MEAN	
Type	Numeric (Double)
APIP0822	EC: Post Mean
 APIP0823 - EC: POST STANDARD DEVIATION	
Type	Numeric (Double)
APIP0823	EC: Post Standard Deviation
 APIP0831 - NH4: CMAQ	
Type	Numeric (Double)
APIP0831	NH4: CMAQ
 APIP0832 - NH4: POST MEAN	
Type	Numeric (Double)
APIP0832	NH4: Post Mean
 APIP0833 - NH4: POST STANDARD DEVIATION	
Type	Numeric (Double)
APIP0833	NH4: Post Standard Deviation
 APIP0841 - NO2: CMAQ	
Type	Numeric (Double)
APIP0841	NO2: CMAQ
 APIP0842 - NO2: POST MEAN	
Type	Numeric (Double)
APIP0842	NO2: Post Mean
 APIP0843 - NO2: POST STANDARD DEVIATION	
Type	Numeric (Double)
APIP0843	NO2: Post Standard Deviation

 APIP0851 - NO3: CMAQ


Type	Numeric (Double)
APIP0851	NO3: CMAQ

 APIP0852 - NO3: POST MEAN


Type	Numeric (Double)
APIP0852	NO3: Post Mean

 APIP0853 - NO3: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0853	NO3: Post Standard Deviation

 APIP0861 - O3: CMAQ

Type	Numeric (Double)
APIP0861	O3: CMAQ

 APIP0862 - O3: POST MEAN


Type	Numeric (Double)
APIP0862	O3: Post Mean

 APIP0863 - O3: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0863	O3: Post Standard Deviation

 APIP0871 - OC: CMAQ


Type	Numeric (Double)
APIP0871	OC: CMAQ

 APIP0872 - OC: POST MEAN

Type	Numeric (Double)
APIP0872	OC: Post Mean

 APIP0873 - OC: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0873	OC: Post Standard Deviation

 APIP0881 - SO4: CMAQ

Type	Numeric (Double)
APIP0881	SO4: CMAQ

APIP0882 - SO4: POST MEAN

Type	Numeric (Double)
APIP0882	SO4: Post Mean

APIP0883 - SO4: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0883	SO4: Post Standard Deviation

Logical Products

Data Layouts

Wave IV Ambient Air Pollutants: Individual Pollutants

Wave IV Ambient Air Pollutants: Individual Pollutants

APIP081 - NUMBER OF DAYS BEFORE WAVE 4 INTERVIEW

Type	Numeric (Double)
APIP081	Number of Days Before Wave 4 Interview

APIP0821 - EC: CMAQ

Type	Numeric (Double)
APIP0821	EC: CMAQ

APIP0822 - EC: POST MEAN

Type	Numeric (Double)
APIP0822	EC: Post Mean

APIP0823 - EC: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0823	EC: Post Standard Deviation

APIP0831 - NH4: CMAQ

Type	Numeric (Double)
APIP0831	NH4: CMAQ


APIP0832 - NH4: POST MEAN

Type	Numeric (Double)
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APIP0832	NH4: Post Mean
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 APIP0833 - NH4: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0833	NH4: Post Standard Deviation

 APIP0841 - NO2: CMAQ


Type	Numeric (Double)
APIP0841	NO2: CMAQ

 APIP0842 - NO2: POST MEAN


Type	Numeric (Double)
APIP0842	NO2: Post Mean

 APIP0843 - NO2: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0843	NO2: Post Standard Deviation

 APIP0851 - NO3: CMAQ

Type	Numeric (Double)
APIP0851	NO3: CMAQ

 APIP0852 - NO3: POST MEAN


Type	Numeric (Double)
APIP0852	NO3: Post Mean

 APIP0853 - NO3: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0853	NO3: Post Standard Deviation

 APIP0861 - O3: CMAQ

Type	Numeric (Double)
APIP0861	O3: CMAQ

 APIP0862 - O3: POST MEAN


Type	Numeric (Double)
APIP0862	O3: Post Mean

 APIP0863 - O3: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0863	O3: Post Standard Deviation

 APIP0871 - OC: CMAQ


Type	Numeric (Double)
APIP0871	OC: CMAQ

 APIP0872 - OC: POST MEAN

Type	Numeric (Double)
APIP0872	OC: Post Mean

 APIP0873 - OC: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0873	OC: Post Standard Deviation

 APIP0881 - SO4: CMAQ

Type	Numeric (Double)
APIP0881	SO4: CMAQ

 APIP0882 - SO4: POST MEAN

Type	Numeric (Double)
APIP0882	SO4: Post Mean

 APIP0883 - SO4: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0883	SO4: Post Standard Deviation

Physical Instances


 Wave IV Ambient Air Pollutants: Individual Pollutants

Title	Wave IV Ambient Air Pollutants: Individual Pollutants
File Name	aapip4.sas7bdat
Case Quantity	5685078
Variable Count	22

 APIP081 - NUMBER OF DAYS BEFORE WAVE 4 INTERVIEW

Type	Numeric (Double)
APIP081	Number of Days Before Wave 4 Interview

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

 APIP0821 - EC: CMAQ

Type	Numeric (Double)
APIP0821	EC: CMAQ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.0012107	31.1338	1.3438859...	1.2943607...

 APIP0822 - EC: POST MEAN

Type	Numeric (Double)
APIP0822	EC: Post Mean

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.004386084	11.03493922	0.6304806...	0.4107738...

 APIP0823 - EC: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0823	EC: Post Standard Deviation

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.011157769	9.178376892	0.4671363...	0.3153546...

 APIP0831 - NH4: CMAQ

Type	Numeric (Double)
APIP0831	NH4: CMAQ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	3.39E-11	16.2201	0.9745280...	0.8576515...

 APIP0832 - NH4: POST MEAN


Type	Numeric (Double)
APIP0832	NH4: Post Mean

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	-0.046554837	12.80675332	1.2190595...	0.6918254...

 APIP0833 - NH4: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0833	NH4: Post Standard Deviation

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.016075113	6.290139128	0.7692040...	0.4542103...

 APIP0841 - NO2: CMAQ

Type	Numeric (Double)
APIP0841	NO2: CMAQ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.0234238	117.919	14.389597...	11.233170...

 APIP0842 - NO2: POST MEAN

Type	Numeric (Double)
APIP0842	NO2: Post Mean

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.531078427	68.15535212	10.864764...	7.4876374...

 APIP0843 - NO2: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0843	NO2: Post Standard Deviation

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.739589348	13.19214738	4.6953024...	1.7047955...

 APIP0851 - NO3: CMAQ

Type	Numeric (Double)
APIP0851	NO3: CMAQ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	8.64E-13	27.1402	1.2956047...	1.9093311...

 APIP0852 - NO3: POST MEAN

Type	Numeric (Double)
APIP0852	NO3: Post Mean

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	-0.004029	127.0370612	1.2115886...	1.5548337...

 APIP0853 - NO3: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0853	NO3: Post Standard Deviation

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	2.88E-4	45.67361988	1.4118216...	1.5058756...

 APIP0861 - O3: CMAQ

Type	Numeric (Double)
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APIP0861	O3: CMAQ
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.105627	109.952	26.299244...	11.627053...

APIP0862 - O3: POST MEAN

Type	Numeric (Double)
APIP0862	O3: Post Mean

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	1.524276434	70.56224647	27.564466...	9.2766784...

APIP0863 - O3: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0863	O3: Post Standard Deviation

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	1.641827926	12.52467252	7.4997708...	1.3705908...

APIP0871 - OC: CMAQ

Type	Numeric (Double)
APIP0871	OC: CMAQ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.00494529	161.315	2.5665330...	2.3670585...

APIP0872 - OC: POST MEAN

Type	Numeric (Double)
APIP0872	OC: Post Mean

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.067489875	41.86052615	2.1672688...	1.1244555...

APIP0873 - OC: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0873	OC: Post Standard Deviation


Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.066856	45.52721221	1.7313271...	1.0149413...

APIP0881 - SO4: CMAQ

Type	Numeric (Double)
APIP0881	SO4: CMAQ

Valid	Invalid	Minimum	Maximum	Mean	StdDev
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5685078	0	0.00855103	40.7621	2.2959170...	1.8337611...
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 APIP0882 - SO4: POST MEAN

Type	Numeric (Double)
APIP0882	SO4: Post Mean

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.028437265	27.3101142	2.4501249...	1.5474258...

 APIP0883 - SO4: POST STANDARD DEVIATION

Type	Numeric (Double)
APIP0883	SO4: Post Standard Deviation

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5685078	0	0.034185482	32.52100482	1.4574133...	1.1775947...