Quality Assurance Document

Interim Summary
PM2.5 Precision, Bias, Accuracy and Completeness

Time Period Covered: CY 2000

Based on AIRS Extractions Dated:
04/04/01 & 04/05/01

Interim Summary of PM2.5 Precision, Bias, Accuracy and Completeness
Time Period Covered: CY 2000
Based on AIRS Extractions Dated: 04/4/01

The following attachments provide an interim summary of $PM_{2.5}$ mass precision, bias, accuracy and data completeness for calendar year 2000 based on AIRS extractions of 4/4/01. It is expected that Quarters 1 -3 in CY2000 would be complete at this time with a complete and certified data base by July 1 2001.

The attachments in this interim data summary are very similar to the attachments found in the CY1999 $PM_{2.5}$ QA Report. They are provided for the following of reasons:

< to provide preliminary estimates on precision, bias, accuracy and data completeness
< to identify data that appear to have discrepancies or that have an effect on the data quality estimates. The intent of identifying these data are to provide the monitoring organizations an opportunity to review this information and make appropriate corrections prior to OAQPS AIRS extraction in July for development of the CY2000 QA Report.

OAQPS would appreciate comments and suggestions on improvements of this report. Please e-mail comments to Mike Papp (papp.michael@epa.gov)

Interim Report on PM2.5 Data Completeness, Precision, Bias, and Accuracy

Time Period Covered: CY 2000

Based on AIRS Extractions Dated: 4/4/01

I. PM2.5 Raw Concentration Data

A. Table of Completeness of Raw Data . . . . . Attachment 1A

B. Raw Data Completeness Plots . . . . . Attachment 1B

C. Report on Anomalous Raw Data . . . . . Attachment 1C

1. Table of Concentrations <= 0 ug/m3
2. Table of Concentrations > 100 ug/m3

II. PM2.5 Precision

A. Table of Completeness of Precision Data . . . . . Attachment IIA

B. Precision Completeness Plots . . . . . Attachment IIB

C. CY2000 National Precision Estimates (Graphics) . . . . . Attachment IIC

D. Table of 2000 Precision Estimates for Each Reporting Organization and for Each Site Comprising the Reporting Organization . . . . . Attachment IID

E. Scatterplots by Site and Reporting Organization Showing Concentrations for Routine and Collocated Samplers . . . . . Attachment IIE

F. Report on Anomalous Precision Data . . . . . Attachment IIF

1. Data reported unusually (wrong units, apparent decimal point problems, method code varies at a site, etc)
2. Site/Days with large precision estimates

III. PM2.5 Bias

A. Table of Completeness of Bias Pairs . . . . . Attachment IIIA

B. 2000 National Bias Estimates . . . . . Attachment IIIB

C. Tables of 2000 Bias Estimates by Reporting Organization, one for all bias pairs and one for bias pairs > 6 : g/m^3 . . . . . Attachment IIIC

D. Report on Anomalous Bias Data . . . . . Attachment IIID

1. Table of site/days PEP conducted but no matching State value in AIRS
2. Site/Days with large bias estimates

IV. PM2.5 Accuracy

A. Table of Completeness of Accuracy . . . . . Attachment IVA

B. Accuracy Completeness Plots . . . . . Attachment IVB

C. Report on Anomalous Accuracy Data . . . . . Attachment IVC

Attachment IA. Table of Completeness of Raw Data

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
ALABAMA																												
010030010	1	3	1	.	.	01/01/00	.	05/03/00	.	.	.	.	.	.	.	.	.	.	.	.	3	63%	3	87%	3	90%	.	.
010270001	1	2	1	.	.	01/01/99	.	01/03/99	3	50%	.	.	.	.	.	.	.	.	.	.	3	50%	3	97%	3	67%	.	.
010331002	1	2	1	.	.	01/01/99	.	01/03/99	3	50%	.	.	.	.	.	.	.	.	.	.	3	67%	3	74%	3	100%	.	.
010491003	1	3	1	.	.	01/01/99	.	01/03/99	3	63%	.	.	.	.	.	.	.	.	.	.	3	10%	3	87%	3	90%	.	.
010530002	1	3	1	.	.	01/01/99	.	05/03/00	.	.	.	.	.	.	.	.	.	.	.	.	3	67%	3	94%	3	97%	.	.
010550010	1	3	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
010690002	1	2	1	.	.	01/01/99	.	01/03/99	3	60%	.	.	.	.	.	.	.	.	.	.	3	33%	3	65%	3	97%	.	.
010730023	1	2	1	.	.	01/01/99	.	01/01/99	1	96%	1	64%	1	98%	1	98%	.	1	.	.	.	.	.	.	.	.	.	.
010730023	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
010731005	1	3	1	.	.	01/03/99	.	01/03/99	3	93%	3	68%	3	94%	3	97%	.	1	.	.	.	.	.	.	.	.	.	.
010732003	1	2	1	.	.	01/01/99	.	01/01/99	1	94%	1	63%	1	98%	1	96%	.	1	.	.	.	.	.	.	.	.	.	.
010732006	1	3	1	.	.	01/03/99	.	01/03/99	3	100%	3	57%	3	97%	3	100%	.	1	.	.	.	.	.	.	.	.	.	.
010735002	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	61%	3	97%	3	97%	.	1	.	.	.	.	.	.	.	.	.	.
010890014	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	100%	3	90%	3	100%	1	1	3	100%	3	100%	3	97%	3	97%	1	1
010970002	1	2	1	.	.	01/01/99	.	01/03/99	3	87%	.	.	.	.	.	.	.	.	.	.	3	63%	3	94%	3	93%	.	.
010970002	2	3	1	.	.	01/01/99	.	01/03/99	6	88%	.	.	.	.	.	.	.	.	.	.	6	67%	6	93%	6	93%	.	.
010970003	1	3	.	.	.	03/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
010972005	1	3	1	.	.	01/01/99	.	01/03/99	3	97%	.	.	.	.	.	.	.	.	.	.	3	57%	3	97%	3	80%	.	.
011010007	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	.	.	.	.	.	.	.	.	.	.	3	63%	3	100%	3	97%	.	.
011010007	2	3	1	.	.	01/01/99	.	01/03/99	6	94%	.	.	.	.	.	.	.	.	.	.	6	67%	6	100%	6	100%	.	.
011030010	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	.	.	.	.	.	.	.	.	.	.	3	63%	3	94%	3	63%	.	.
011130001	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	.	.	.	.	.	.	.	.	.	.	3	40%	3	94%	3	100%	.	.
011170006	1	2	1	.	.	01/01/99	.	01/03/99	3	0%	.	.	.	.	.	.	.	.	.	.	3	67%	3	81%	3	93%	.	.
011190002	1	2	1	.	.	01/01/99	.	01/03/99	3	47%	.	.	.	.	.	.	.	.	.	.	3	61%	3	97%	3	70%	.	.
011210002	1	2	1	.	.	01/01/99	.	01/03/99	3	87%	.	.	.	.	.	.	.	.	.	.	3	57%	3	90%	3	73%	.	.
011250003	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	.	.	.	.	.	.	.	.	.	.	3	37%	3	94%	3	97%	.	.
011270002	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	.	.	.	.	.	.	.	.	.	.	3	60%	3	32%	3	0%	.	.
ALASKA																												
020200018	1	2	1	.	.	11/10/98	.	01/01/99	1	60%	3	63%	3	90%	1	50%	.	1	3	71%	3	100%	3	97%	3	93%	.	1
020200044	1	2	1	.	.	01/01/99	.	04/06/99	.	.	3	57%	3	94%	3	97%	.	.	3	97%	3	100%	3	97%	3	100%	1	1
020900010	2	2	1	.	.	10/23/98	.	02/18/99	6	56%	3	81%	3	71%	6	53%	.	.	3	87%	3	93%	3	100%	3	100%	1	1
021100004	2	2	1	.	.	11/19/98	.	04/10/99	.	.	3	55%	3	65%	3	80%	.	.	3	97%	3	100%	3	100%	3	100%	1	1
021100026	1	0	1	.	.	12/18/99	.	12/18/99	.	.	.	.	.	.	6	20%	.	.	3	100%	3	97%	3	97%	3	90%	1	1
021300008	1	0	1	.	.	10/28/99	.	10/28/99	.	.	.	.	.	.	3	40%	.	.	3	100%	.	.	.	.	3	97%	.	.
021700004	1	2	1	.	.	03/04/00	.	03/04/00	.	.	.	.	.	.	.	.	.	.	3	32%	3	93%	3	87%	3	90%	.	.
021700008	1	2	1	.	.	12/19/98	.	01/03/99	3	53%	3	73%	3	87%	3	80%	.	1	3	94%	3	100%	3	94%	3	97%	1	1
022900003	1	2	1	.	.	04/10/00	.	04/12/00	.	.	.	.	.	.	.	.	.	.	.	.	3	53%	3	58%	3	97%	.	.
ARIZONA																												
040031005	1	2	1	.	.	01/12/99	.	01/12/99	6	67%	6	73%	6	7%	6	93%	.	.	.	.	.	.	.	.	.	.	.	.
040051008	1	2	1	.	.	01/06/99	.	01/06/99	6	73%	6	100%	6	100%	6	87%	1	1	.	.	.	.	.	.	.	.	.	.
040070008	1	3	1	.	.	02/11/99	.	02/11/99	3	47%	3	87%	3	81%	3	90%	.	1	.	.	.	.	.	.	.	.	.	.
040070008	2	3	1	.	.	02/11/99	.	02/11/99	6	53%	6	93%	6	40%	6	53%	.	.	.	.	.	.	.	.	.	.	.	.
040130019	1	3	.	.	.	06/13/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
040139990	1	3	1	.	.	01/06/99	.	01/06/99	3	87%	3	90%	3	100%	3	100%	1	1	.	.	.	.	.	.	.	.	.	.
040139991	1	3	1	.	.	01/21/99	06/09/00	01/21/99	1	56%	1	82%	1	96%	1	87%	.	1	.	.	.	.	.	.	.	.	.	.
040139992	1	3	1	.	.	03/19/99	.	03/19/99	1	14%	1	80%	1	100%	1	92%	.	1	.	.	.	.	.	.	.	.	.	.
040139997	1	3	1	.	.	01/01/99	.	01/06/99	1	79%	1	90%	1	99%	1	90%	1	1	.	.	.	.	.	.	.	.	.	.
040139997	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
040139997	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
040139997	7	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
040190011	1	2	1	.	.	01/01/99	.	01/06/99	1	73%	1	91%	1	83%	1	42%	.	1	3	97%	3	77%	3	65%	.	.	.	.
040191028	1	2	1	.	.	01/01/99	.	01/06/99	3	77%	3	87%	3	97%	3	80%	1	1	3	97%	3	100%	3	65%	.	.	.	.
040213002	1	3	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
040230004	1	2	1	.	.	01/06/99	.	01/06/99	6	100%	6	87%	6	93%	6	100%	1	1	.	.	.	.	.	.	.	.	.	.
040230004	2	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	80%	6	73%	6	100%	1	1	.	.	.	.	.	.	.	.	.	.
ARKANSAS																												
050010001	1	2	1	.	.	01/07/99	09/14/00	07/05/99	.	.	.	.	6	100%	6	80%	.	.	3	88%	3	90%	3	74%	.	.	.	.
050010001	2	2	1	.	.	01/07/99	09/14/00	07/05/99	.	.	.	.	6	87%	6	73%	.	.	6	100%	6	81%	6	60%	.	.	.	.
050010010	1	2	1	.	.	09/14/00	.	09/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	16%	3	60%	.	.
050010010	2	2	1	.	.	09/14/00	.	09/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	20%	6	53%	.	.
050030003	1	2	1	.	.	03/26/99	08/14/00	07/05/99	.	.	.	.	6	93%	6	93%	.	.	3	94%	3	83%	3	26%	.	.	.	.
050030004	1	2	1	.	.	08/14/00	.	08/16/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	29%	3	57%	.	.
050310001	1	2	1	.	.	03/12/99	.	07/05/99	.	.	.	.	6	93%	6	87%	.	.	6	69%	6	88%	6	93%	6	100%	.	1
050310001	2	2	1	.	.	03/12/99	.	07/05/99	.	.	.	.	6	80%	6	60%	.	.	6	75%	6	69%	6	93%	6	80%	1	1
050350004	1	2	1	.	.	04/01/99	.	07/02/99	.	.	.	.	3	74%	3	80%	.	.	3	74%	3	83%	3	87%	3	53%	.	1
050450002	1	2	1	.	.	04/28/00	.	04/30/00	.	.	.	.	.	.	.	.	.	.	.	.	6	73%	6	100%	6	93%	.	.
050450002	2	2	1	.	.	04/28/00	.	04/30/00	.	.	.	.	.	.	.	.	.	.	.	.	6	67%	6	93%	6	93%	.	.
050510002	1	2	1	.	.	03/09/99	.	07/05/99	.	.	.	.	6	67%	6	73%	.	.	3	68%	3	93%	3	94%	3	93%	.	1
050690005	1	2	1	.	.	02/18/99	.	07/05/99	.	.	.	.	6	87%	6	80%	.	.	6	81%	6	100%	6	100%	6	93%	1	1
050890001	1	2	1	.	.	04/02/99	.	07/02/99	.	.	.	.	6	75%	6	53%	.	.	6	81%	6	80%	6	81%	6	69%	1	1
050910001	1	2	.	.	.	05/05/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
050910004	1	2	1	.	.	05/05/99	.	07/05/99	.	.	.	.	6	40%	6	33%	.	.	6	81%	6	56%	6	53%	6	80%	.	.
050930007	1	2	1	.	.	08/24/00	.	08/28/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	40%	6	93%	.	.
051070001	1	2	1	.	.	04/05/99	.	07/11/99	.	.	.	.	6	47%	6	100%	.	.	3	94%	3	93%	3	84%	3	97%	1	1
051130002	1	2	1	.	.	03/30/99	.	07/05/99	.	.	.	.	6	80%	6	80%	.	.	3	87%	3	97%	3	97%	3	90%	1	1
051150003	1	2	1	.	.	02/26/99	.	07/05/99	.	.	.	.	6	73%	6	87%	.	.	3	94%	3	87%	3	94%	3	100%	1	1
051190003	1	2	1	.	.	01/06/99	09/08/00	07/05/99	.	.	.	.	6	100%	6	87%	.	.	3	97%	3	97%	3	71%	.	.	.	.
051190007	1	2	1	.	.	01/22/99	.	06/30/99	.	.	6	7%	1	82%	1	90%	.	.	1	84%	1	98%	1	90%	1	97%	1	1
051190007	2	2	1	.	.	01/22/99	.	07/05/99	.	.	.	.	6	97%	6	93%	.	.	6	69%	6	100%	6	100%	6	80%	.	1
051191004	1	2	1	.	.	09/08/00	.	09/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	26%	3	93%	.	.
051191008	1	2	1	.	.	04/02/99	.	07/02/99	.	.	.	.	3	84%	3	83%	.	.	1	74%	1	100%	1	87%	1	98%	.	1
051191008	2	2	1	.	.	04/02/99	.	07/05/99	.	.	.	.	6	38%	6	93%	.	.	6	75%	6	67%	6	87%	6	93%	.	.
051310008	1	2	1	.	.	04/01/99	.	07/05/99	.	.	.	.	3	84%	3	93%	.	.	3	84%	3	100%	3	100%	3	93%	1	1
051310008	2	2	1	.	.	04/01/99	.	07/11/99	.	.	.	.	6	80%	6	87%	.	.	6	75%	6	93%	6	93%	6	80%	1	1
051390004	1	2	1	.	.	02/22/99	.	07/05/99	.	.	.	.	6	87%	6	80%	.	.	3	65%	3	80%	3	87%	3	87%	.	1
051430003	1	2	1	.	.	03/15/99	.	07/02/99	.	.	.	.	3	77%	3	67%	.	.	3	69%	3	80%	3	94%	3	70%	.	1
051450001	1	2	1	.	.	04/01/00	.	05/06/00	.	.	.	.	.	.	.	.	.	.	.	.	6	33%	6	93%	6	100%	.	.
CALIFORNIA																												
060010007	1	2	1	.	.	12/01/99	.	12/02/99	.	.	.	.	.	.	3	30%	.	.	3	87%	6	100%	6	100%	3	97%	1	1
060011001	1	2	1	.	.	01/01/99	.	01/03/99	3	60%	6	87%	6	100%	3	100%	.	1	3	94%	6	100%	6	100%	3	100%	1	1
060011001	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060070002	1	2	1	.	.	12/19/98	.	01/06/99	6	100%	6	100%	6	93%	6	100%	1	1	6	100%	6	100%	6	100%	6	33%	.	.
060090001	1	2	1	.	.	01/06/99	.	01/06/99	6	100%	6	100%	6	100%	6	93%	1	1	6	94%	6	100%	6	94%	6	33%	.	.
060111002	1	2	1	.	.	12/16/98	.	01/06/99	6	100%	3	73%	3	75%	3	77%	.	1	3	81%	3	93%	3	94%	3	27%	.	.
060130002	1	2	1	.	.	01/01/99	.	01/08/99	3	17%	6	73%	6	100%	1	86%	.	.	1	84%	6	100%	6	100%	1	92%	1	1
060130002	2	2	.	.	.	12/31/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060170011	1	2	1	.	.	01/06/99	.	01/12/99	6	93%	6	100%	6	100%	6	100%	1	1	6	100%	6	100%	6	100%	6	33%	.	.
060170011	2	2	1	.	.	01/06/99	.	01/12/99	6	93%	6	100%	6	100%	6	100%	1	1	6	100%	6	100%	6	100%	6	33%	.	.
060170012	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	89%	3	100%	3	100%	3	33%	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
060190008	1	2	1	.	.	01/03/99	.	01/03/99	3	97%	1	82%	1	97%	1	92%	1	1	1	45%	1	63%	1	93%	1	33%	.	1
060190008	2	2	1	.	.	01/06/99	.	01/06/99	6	95%	6	95%	6	100%	6	87%	1	1	6	72%	6	38%	6	100%	3	17%	.	.
060190008	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060190008	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060190008	7	2	.	1	.	09/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060190008	8	2	.	1	.	09/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060195001	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	6	100%	6	100%	3	93%	1	1	3	77%	6	80%	6	100%	3	63%	.	1
060195025	1	2	1	.	.	01/01/00	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	84%	6	87%	6	87%	3	80%	1	1
060231002	1	2	1	.	.	01/01/99	.	01/08/99	6	94%	6	100%	6	100%	6	93%	1	1	6	81%	6	88%	6	78%	6	94%	1	1
060250003	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	63%	3	48%	3	7%	.	.	3	61%	3	47%	3	52%	3	90%	.	1
060250005	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	3	90%	3	100%	3	77%	1	1	3	97%	3	100%	3	94%	3	80%	1	1
060250005	7	2	.	1	.	09/01/98	01/31/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060251003	1	2	1	.	.	01/01/99	.	01/03/99	3	100%	3	70%	3	97%	3	73%	.	1	3	90%	3	67%	3	94%	3	30%	.	.
060271001	7	2	.	1	.	09/01/98	12/31/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060271003	1	2	1	.	.	09/01/98	.	01/03/99	3	90%	3	77%	3	65%	3	10%	.	.	.	.	3	53%	3	97%	3	90%	.	.
060271003	2	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	80%	6	69%	6	31%	.	.	.	.	6	53%	6	100%	6	87%	.	.
060271003	7	2	.	1	.	09/01/98	10/22/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060290010	1	2	1	.	.	01/01/99	.	01/03/99	3	93%	6	80%	6	93%	3	100%	1	1	3	100%	6	100%	6	100%	3	100%	1	1
060290011	1	2	1	.	.	01/01/99	.	01/03/99	3	87%	3	93%	3	87%	3	60%	.	1	3	32%	3	67%	3	68%	3	77%	.	.
060290012	1	2	1	.	.	01/01/99	.	06/26/99	.	.	6	13%	3	61%	3	90%	.	.	3	68%	3	87%	3	81%	3	63%	.	1
060290014	1	2	1	.	.	01/01/99	.	01/03/99	1	50%	1	98%	1	97%	1	88%	.	1	1	84%	1	92%	1	97%	1	84%	1	1
060290014	2	2	1	.	.	01/01/99	.	01/07/99	6	94%	6	100%	6	87%	6	95%	1	1	6	81%	6	73%	6	100%	6	80%	1	1
060290014	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060290014	6	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060290014	7	2	.	1	.	09/01/98	12/31/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060290014	8	2	.	1	.	09/01/98	12/31/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060290016	1	2	1	.	.	02/18/00	.	02/18/00	.	.	.	.	.	.	.	.	.	.	3	42%	3	97%	3	100%	3	93%	.	1
060292004	7	2	.	1	.	09/01/98	02/12/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060310004	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	6	80%	6	53%	3	0%	.	.	3	39%	6	87%	6	100%	3	90%	.	1
060310004	7	2	.	1	.	09/01/98	03/31/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060333001	1	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	88%	6	40%	6	93%	.	.	6	100%	.	.	.	.	6	80%	.	.
060370002	1	2	1	.	.	01/01/99	.	01/03/99	1	70%	3	93%	3	94%	3	80%	.	1	1	95%	1	97%	1	92%	1	80%	1	1
060370002	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060370002	7	2	.	1	.	09/01/98	02/29/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060371002	1	2	1	.	.	01/01/99	.	01/03/99	3	73%	3	80%	3	100%	3	97%	.	1	3	10%	3	47%	3	84%	3	90%	.	.
060371002	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060371103	1	2	1	.	.	01/01/99	.	01/03/99	1	53%	3	93%	3	100%	3	97%	.	1	1	88%	1	92%	1	90%	1	95%	1	1
060371103	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060371103	3	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060371201	1	2	1	.	.	01/01/99	.	01/03/99	3	53%	3	47%	3	35%	3	100%	.	1	3	94%	3	90%	3	81%	3	90%	1	1
060371201	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060371301	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	3	97%	3	94%	3	97%	1	1	3	97%	3	100%	3	100%	3	100%	1	1
060371301	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060371601	1	2	1	.	.	01/01/99	.	01/03/99	3	73%	3	97%	3	97%	3	100%	.	1	3	97%	3	93%	3	94%	3	97%	1	1
060371601	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060372005	1	2	1	.	.	01/01/99	.	01/03/99	3	30%	3	97%	3	97%	3	90%	.	.	3	97%	3	93%	3	87%	3	83%	1	1
060372005	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060374002	1	2	1	.	.	01/01/99	.	01/03/99	1	71%	3	93%	3	97%	3	87%	.	1	1	87%	1	91%	1	85%	1	70%	.	1
060374002	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060374002	7	2	.	1	.	09/01/98	02/29/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
060379002	1	2	1	.	.	01/01/99	.	01/03/99	3	93%	3	100%	3	94%	3	87%	1	1	3	90%	3	90%	.	.	.	.	.	.
060450006	1	2	1	.	.	01/01/99	.	01/07/99	6	100%	6	93%	6	94%	6	93%	1	1	6	100%	6	100%	6	100%	6	73%	1	1
060450006	2	2	1	.	.	01/01/99	.	01/12/99	6	93%	6	93%	6	6%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060472510	1	2	1	.	.	04/01/99	.	04/12/99	.	.	6	60%	6	100%	3	97%	.	.	3	97%	6	100%	6	100%	3	87%	1	1
060490001	1	2	1	.	.	01/12/99	.	01/12/99	6	80%	6	100%	6	93%	6	100%	1	1	6	100%	6	93%	6	93%	6	33%	.	.
060510001	1	2	1	.	.	10/01/00	.	11/20/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	43%	.	.
060531002	1	2	1	.	.	01/01/99	.	01/15/99	3	47%	3	97%	3	56%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060531003	1	2	1	.	.	01/01/00	.	02/03/00	.	.	.	.	.	.	.	.	.	.	3	66%	6	20%	.	.	6	100%	.	.
060531003	2	2	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060570005	1	2	1	.	.	12/30/98	.	01/03/99	6	93%	6	100%	6	80%	6	73%	1	1	6	75%	6	60%	6	94%	6	20%	.	.
060571001	1	2	1	.	.	03/31/99	.	03/31/99	6	7%	3	30%	3	53%	3	70%	.	.	3	97%	3	80%	3	94%	3	27%	.	.
060571001	2	2	1	.	.	05/12/99	.	05/12/99	.	.	6	13%	6	7%	6	80%	.	.	6	94%	6	80%	6	88%	6	27%	.	.
060590001	1	2	1	.	.	01/01/99	.	01/03/99	1	67%	3	17%	3	10%	3	80%	.	.	1	85%	1	76%	1	53%	1	85%	.	1
060590001	2	2	1	.	.	01/01/99	.	02/11/99	3	20%	3	43%	3	6%	3	7%	.	.	.	.	.	.	.	.	.	.	.	.
060590001	3	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060592022	1	3	1	.	.	06/15/99	.	06/17/99	.	.	3	17%	3	97%	3	100%	.	.	3	94%	3	100%	3	97%	3	100%	1	1
060592022	2	3	.	.	.	06/15/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060610006	1	2	1	.	.	12/31/98	.	01/06/99	6	100%	6	100%	6	100%	6	93%	1	1	6	94%	6	93%	6	100%	6	33%	.	.
060631006	1	2	1	.	.	03/26/99	.	03/26/99	3	7%	3	77%	3	71%	3	81%	.	.	3	90%	3	88%	3	83%	3	33%	.	.
060631008	1	2	1	.	.	03/25/99	02/09/00	03/25/99	3	7%	3	83%	3	68%	3	78%	.	.	3	39%	.	.	.	.	.	.	.	.
060631008	7	2	.	1	.	09/01/98	02/06/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060631009	1	2	1	.	.	03/21/00	.	03/21/00	.	.	.	.	.	.	.	.	.	.	1	0%	3	54%	3	88%	3	33%	.	.
060651003	1	2	1	.	.	01/01/99	.	01/03/99	3	87%	3	97%	3	100%	3	80%	1	1	3	90%	3	93%	3	84%	3	97%	1	1
060651003	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060652002	1	2	1	.	.	01/01/99	.	01/03/99	3	43%	3	80%	3	58%	3	93%	.	1	3	97%	3	97%	3	87%	3	97%	1	1
060652002	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060652002	3	2	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060655001	1	2	1	.	.	10/10/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	100%	3	93%	3	100%	3	100%	1	1
060655001	2	2	.	.	.	10/10/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060658001	1	2	1	.	.	01/01/99	.	01/03/99	1	70%	3	97%	3	65%	3	83%	.	1	1	77%	1	85%	1	95%	1	76%	1	1
060658001	2	2	1	.	.	01/01/99	.	01/08/99	6	20%	.	.	3	26%	6	20%	.	.	.	.	.	.	.	.	.	.	.	.
060658001	3	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060658001	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060658001	6	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060670006	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	100%	3	45%	3	55%	.	1	1	16%	3	100%	3	74%	1	7%	.	.
060670006	2	2	1	.	.	02/17/99	.	02/17/99	6	56%	6	100%	6	100%	6	87%	.	.	6	94%	6	100%	6	53%	6	0%	.	.
060670006	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060670010	1	2	1	.	.	12/13/98	.	01/03/99	3	97%	1	85%	1	91%	1	80%	1	1	1	87%	1	96%	1	89%	1	33%	.	1
060670010	7	2	.	1	.	09/01/98	01/13/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060674001	1	2	1	.	.	02/02/99	.	02/02/99	3	67%	3	94%	3	97%	1	85%	.	1	1	88%	3	100%	3	65%	1	3%	.	.
060710014	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	3	100%	3	97%	3	97%	1	1	3	87%	3	97%	.	.	.	.	.	.
060710014	7	2	.	1	.	09/01/98	01/31/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060710025	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	77%	3	68%	3	83%	.	1	3	87%	3	97%	3	81%	3	100%	1	1
060710025	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060712002	1	2	1	.	.	01/01/99	.	01/03/99	3	89%	3	97%	3	97%	3	97%	1	1	3	84%	3	90%	3	97%	3	97%	1	1
060712002	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060712002	3	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060718001	1	3	1	.	.	02/08/99	.	02/08/99	3	60%	3	73%	3	94%	3	93%	.	1	3	61%	6	73%	6	100%	6	93%	.	1
060718001	2	3	.	.	.	02/08/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
060719004	1	2	1	.	.	01/01/99	.	01/03/99	3	73%	3	77%	3	97%	3	97%	.	1	3	81%	3	87%	3	81%	3	87%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

STATE / SITE	POC	MT	Data in AIRS? FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	1999 Information Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	2000 Information Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
)60719004	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60730001	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	77%	3	97%	3	77%	1	1	3	84%	3	77%	3	90%	3	80%	1	1
)60730003	1	2	1	.	.	01/01/99	.	01/01/99	1	83%	1	86%	1	92%	1	90%	1	1	1	66%	1	88%	1	92%	1	73%	.	1
)60730003	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60730006	1	2	1	.	.	01/01/99	.	01/03/99	6	75%	3	67%	3	94%	3	80%	.	1	3	74%	3	77%	3	87%	3	93%	.	1
)60731002	1	2	1	.	.	01/01/99	.	01/01/99	1	60%	1	71%	1	83%	1	65%	.	1	1	66%	1	89%	1	91%	1	87%	.	1
)60731007	1	2	1	.	.	01/01/99	.	01/01/99	1	67%	1	85%	1	89%	1	76%	.	1	1	70%	1	64%	1	79%	1	85%	.	1
)60731009	1	3	.	.	1	12/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60750005	1	2	1	.	.	01/01/99	.	01/03/99	3	43%	6	60%	6	100%	1	91%	.	.	1	93%	6	67%	6	100%	1	90%	.	.
)60750005	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60771002	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	90%	3	94%	3	94%	1	1	3	91%	3	100%	3	97%	3	33%	.	.
)60771002	7	2	.	1	.	09/01/98	12/31/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60792002	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	80%	6	87%	6	100%	1	1	6	94%	6	73%	6	93%	6	100%	1	1
)60798001	1	2	1	.	.	01/01/99	.	01/06/99	6	100%	6	100%	6	93%	6	100%	1	1	6	100%	6	100%	6	80%	6	100%	1	1
)60798001	2	2	1	.	.	01/01/99	.	01/06/99	6	100%	6	87%	6	93%	6	100%	1	1	6	100%	6	100%	6	80%	6	73%	1	1
)60811001	1	2	1	.	.	01/01/99	.	01/03/99	3	35%	6	87%	6	100%	3	97%	.	1	3	100%	6	100%	6	75%	3	80%	1	1
)60811001	2	2	.	.	.	12/31/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60830010	1	2	1	.	.	01/01/99	.	01/06/99	6	7%	6	7%	6	13%	6	73%	.	.	6	94%	6	80%	6	87%	6	27%	.	.
)60831007	1	2	1	.	.	08/04/99	.	08/04/99	.	.	.	.	6	53%	6	93%	.	.	6	100%	6	93%	6	80%	6	100%	1	1
)60831007	3	2	.	.	.	08/04/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60850004	1	2	.	.	.	09/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60850004	2	2	1	.	.	01/01/99	.	01/06/99	3	3%	6	93%	6	100%	1	95%	.	.	1	84%	6	94%	6	100%	1	80%	1	1
)60850004	3	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60850004	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60850004	7	2	.	1	.	09/01/98	02/29/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60852003	1	2	1	.	.	01/01/99	.	01/03/99	3	33%	6	80%	6	80%	1	90%	.	.	1	86%	6	94%	6	73%	1	91%	1	1
)60852003	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60870007	1	2	1	.	.	01/01/99	.	01/06/99	3	48%	3	100%	3	22%	.	.	.	.	3	90%	6	33%	.	.	6	100%	.	.
)60870007	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60890004	1	2	1	.	.	12/19/98	.	01/06/99	6	94%	6	93%	6	88%	6	93%	1	1	6	94%	6	67%	6	100%	6	33%	.	.
)60950004	1	2	1	.	.	01/01/99	.	02/20/99	3	27%	6	87%	6	93%	3	93%	.	.	3	97%	6	100%	6	100%	3	100%	1	1
)60950004	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60970003	1	2	1	.	.	01/01/99	.	01/24/99	3	60%	6	80%	6	80%	3	90%	.	1	3	100%	6	100%	6	100%	3	97%	1	1
)60970003	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60990005	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	83%	3	94%	3	97%	1	1	3	100%	3	97%	3	100%	3	32%	.	.
)60990005	7	2	.	1	.	09/01/98	12/31/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)60990005	8	3	.	1	.	09/01/98	12/31/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)61010003	1	2	1	.	.	12/19/98	.	01/06/99	6	100%	6	94%	6	94%	6	88%	1	1	6	94%	6	94%	6	88%	6	33%	.	.
)61010003	2	2	1	.	.	12/19/98	.	01/06/99	6	100%	6	88%	6	88%	6	81%	1	1	6	94%	6	89%	6	81%	6	33%	.	.
)61072002	1	2	1	.	.	01/03/99	.	01/03/99	3	87%	3	84%	3	97%	3	100%	1	1	3	90%	3	93%	3	94%	3	35%	.	1
)61072002	7	2	.	1	.	09/01/98	03/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)61110007	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	93%	3	97%	3	97%	1	1	3	87%	3	97%	3	87%	3	97%	1	1
)61110007	2	2	1	.	.	01/01/99	.	01/06/99	6	94%	6	87%	6	80%	6	100%	1	1	6	94%	6	93%	6	60%	6	80%	.	.
)61110009	1	2	1	.	.	11/01/00	.	11/23/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	43%	.	.
)61112002	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	87%	3	87%	3	97%	1	1	3	97%	3	83%	3	87%	3	67%	.	1
)61112002	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
)61113001	1	2	1	.	.	01/01/99	.	01/03/99	3	63%	3	97%	3	61%	3	83%	.	1	3	97%	3	83%	3	97%	3	70%	.	1
)61131003	1	2	1	.	.	01/09/99	.	01/09/99	3	93%	3	97%	3	94%	3	38%	.	1	3	97%	3	93%	3	97%	3	30%	.	.
COLORADO																												
)80010001	1	2	1	.	.	01/26/99	.	01/26/99	3	37%	3	87%	3	97%	3	100%	.	1	3	94%	3	97%	3	97%	3	100%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
080010001	2	3	1	.	.	01/26/99	.	04/06/99	.	.	6	0%	.	.	6	93%	.	.	6	94%	6	100%	6	100%	6	100%	1	1
080010001	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
080010006	1	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
080010006	2	3	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
080050005	1	2	1	.	.	03/10/99	.	03/10/99	3	17%	3	87%	3	97%	3	87%	.	.	3	75%	3	93%	3	100%	3	100%	1	1
080070002	1	3	1	.	.	03/31/00	.	04/24/00	.	.	.	.	.	.	.	.	.	.	.	.	6	75%	6	94%	6	87%	.	.
080130003	1	2	1	.	.	01/22/99	.	01/22/99	3	73%	3	87%	3	88%	3	100%	.	1	3	100%	3	97%	3	97%	3	100%	1	1
080130012	1	2	1	.	.	01/30/99	.	01/30/99	3	37%	3	57%	3	97%	3	97%	.	1	3	100%	3	100%	3	100%	3	100%	1	1
080290004	1	3	1	.	.	03/31/00	.	04/06/00	.	.	.	.	.	.	.	.	.	.	.	.	6	100%	6	94%	6	80%	.	.
080310002	1	2	1	.	.	01/01/99	.	01/01/99	1	58%	1	78%	1	0%	1	0%	.	.	1	79%	1	90%	1	90%	1	90%	1	1
080310002	3	3	.	.	1	08/25/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
080310013	1	3	1	.	.	11/15/99	.	11/20/99	.	.	.	.	.	.	1	27%	.	.	1	91%	.	.	.	.	.	.	.	.
080310017	1	3	1	.	.	11/15/99	04/01/00	11/20/99	.	.	.	.	.	.	1	33%	.	.	1	88%	.	.	.	.	.	.	.	.
080350003	1	3	1	.	.	03/31/00	.	04/24/00	.	.	.	.	.	.	.	.	.	.	.	.	6	75%	6	90%	6	33%	.	.
080390001	1	2	1	.	.	05/28/99	.	05/28/99	.	.	3	30%	3	90%	3	94%	.	.	3	87%	3	94%	3	74%	3	83%	.	1
080410008	1	2	1	.	.	07/02/99	.	07/02/99	.	.	.	.	3	50%	3	82%	.	.	3	91%	3	100%	3	91%	3	94%	1	1
080410011	1	2	1	.	.	01/19/99	.	01/19/99	1	0%	1	0%	3	50%	3	81%	.	.	3	94%	3	97%	3	100%	3	97%	1	1
080410011	2	3	1	.	.	01/19/99	.	04/12/99	.	.	6	0%	.	.	6	67%	.	.	6	88%	6	81%	6	94%	6	100%	1	1
080510005	1	3	1	.	.	01/01/00	.	01/25/00	.	.	.	.	.	.	.	.	.	.	6	75%	6	100%	6	100%	6	88%	1	1
080670008	1	3	1	.	.	01/01/00	.	01/13/00	.	.	.	.	.	.	.	.	.	.	6	81%	6	87%	6	94%	6	73%	1	1
080690009	1	2	1	.	.	07/10/99	.	07/10/99	.	.	.	.	3	53%	3	88%	.	.	3	100%	3	91%	3	97%	3	88%	1	1
080770003	1	2	1	.	.	01/06/99	.	01/06/99	3	87%	3	100%	3	77%	3	100%	1	1	3	100%	3	100%	3	100%	3	100%	1	1
080770003	2	3	1	.	.	01/06/99	.	06/05/99	.	.	6	0%	.	.	6	100%	.	.	6	100%	6	100%	6	100%	6	100%	1	1
081010012	1	2	1	.	.	02/20/99	.	02/20/99	3	33%	3	0%	3	63%	3	91%	.	.	3	97%	3	94%	3	97%	3	84%	1	1
081070003	1	3	1	.	.	06/23/99	.	06/23/99	.	.	6	13%	6	82%	6	87%	.	.	.	.	6	93%	6	100%	6	63%	.	.
081130004	1	3	1	.	.	01/01/00	.	06/17/00	.	.	.	.	.	.	.	.	.	.	.	.	6	20%	6	100%	6	75%	.	.
081230006	1	2	1	.	.	02/13/99	.	02/13/99	3	47%	3	83%	3	61%	3	88%	.	1	3	94%	3	91%	3	97%	3	90%	1	1
081230008	1	2	1	.	.	08/04/99	.	08/04/99	.	.	.	.	3	65%	3	94%	.	.	3	100%	3	88%	3	88%	3	97%	1	1
CONNECTICUT																												
090010010	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	67%	3	94%	3	93%	.	1	3	58%	3	87%	3	94%	3	87%	.	1
090010010	2	3	1	.	.	01/01/99	.	01/03/99	3	57%	3	53%	3	81%	3	83%	.	1	3	45%	6	80%	6	100%	6	88%	.	1
090010010	9	3	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
090010113	1	2	1	.	.	09/15/00	.	09/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	13%	3	77%	.	.
090011123	1	2	1	.	.	01/01/99	.	01/03/99	3	43%	3	30%	3	48%	3	83%	.	.	3	84%	3	93%	3	97%	3	80%	1	1
090012124	1	3	1	.	.	01/01/99	.	01/03/99	3	40%	3	17%	3	52%	3	83%	.	.	3	74%	3	83%	3	97%	3	70%	.	1
090013005	1	3	1	.	.	03/16/00	.	03/16/00	.	.	.	.	.	.	.	.	.	.	3	6%	3	77%	3	97%	3	70%	.	.
090019003	1	3	1	.	.	01/01/99	.	01/06/99	6	33%	6	47%	6	60%	6	80%	.	.	6	63%	6	100%	6	93%	6	73%	.	.
090019003	2	3	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
090031003	1	2	1	.	.	01/01/99	.	01/01/99	1	53%	1	29%	1	72%	1	91%	.	1	1	59%	1	81%	1	89%	1	79%	.	1
090031018	1	2	1	.	.	01/01/99	.	01/03/99	3	43%	3	23%	3	61%	3	80%	.	.	3	55%	3	80%	3	94%	3	83%	.	1
090090018	1	2	1	.	.	01/01/99	.	01/03/99	3	67%	3	60%	3	97%	3	97%	.	1	1	37%	1	84%	1	98%	1	87%	.	1
090090018	2	3	1	.	.	01/01/99	.	01/03/99	3	53%	3	43%	3	90%	3	93%	.	1	3	42%	6	73%	6	87%	6	100%	.	1
090090018	9	3	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
090091123	1	2	1	.	.	01/01/99	.	01/03/99	3	57%	3	57%	3	97%	3	97%	.	1	3	52%	3	93%	3	97%	3	83%	.	1
090091123	2	3	1	.	.	01/01/99	.	01/03/99	3	47%	3	37%	6	92%	6	96%	.	1	3	42%	6	100%	6	100%	6	93%	.	1
090091123	9	3	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
090092123	1	2	1	.	.	01/01/99	.	01/03/99	3	70%	3	63%	3	97%	3	100%	.	1	3	48%	3	93%	3	97%	3	87%	.	1
090092123	2	3	1	.	.	01/01/99	.	01/03/99	3	63%	6	77%	6	91%	6	92%	.	1	3	35%	6	67%	6	100%	6	93%	.	.
090092123	9	3	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
090099005	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	71%	3	93%	.	.	3	48%	3	77%	3	100%	3	87%	.	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
090113002	1	2	1	.	.	01/01/99	.	01/03/99	3	63%	3	20%	3	55%	3	97%	.	.	3	45%	3	80%	3	94%	3	80%	.	1
DELAWARE																												
100010002	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	3	93%	3	77%	3	87%	1	1	3	97%	3	97%	3	100%	3	100%	1	1
100010003	1	2	1	.	.	01/01/99	.	02/11/99	3	43%	3	90%	3	71%	3	87%	.	1	3	100%	3	93%	3	97%	3	100%	1	1
100031003	1	2	1	.	.	01/01/99	.	01/03/99	3	87%	3	90%	3	87%	3	93%	1	1	3	100%	3	93%	3	97%	3	97%	1	1
100031007	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	73%	3	71%	3	83%	.	1	3	97%	3	97%	3	100%	3	91%	1	1
100031011	1	2	1	.	.	01/01/99	12/16/99	03/10/99	1	20%	1	76%	1	86%	1	40%	.	1	.	.	.	.	.	.	.	.	.	.
100031011	2	2	1	.	.	01/01/99	11/15/99	03/10/99	3	17%	3	77%	3	88%	3	47%	.	.	.	.	.	.	.	.	.	.	.	.
100031012	1	2	1	.	.	12/15/99	.	12/16/99	.	.	.	.	.	.	1	17%	.	.	1	89%	1	85%	1	96%	1	91%	1	1
100031012	2	2	1	.	.	12/15/99	.	12/17/99	.	.	.	.	.	.	3	17%	.	.	6	94%	6	82%	6	100%	1	61%	.	1
100032004	1	2	1	.	.	01/01/99	.	02/14/99	1	31%	1	78%	1	87%	1	89%	.	1	1	82%	1	93%	1	96%	1	87%	1	1
100032004	2	2	1	.	.	01/01/99	.	02/14/99	3	43%	3	77%	3	87%	3	77%	.	1	3	74%	1	35%	1	28%	6	95%	.	1
100032004	3	3	.	.	1	06/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
100051002	1	2	1	.	.	01/01/99	.	01/03/99	3	93%	3	80%	3	77%	3	93%	1	1	3	97%	3	100%	3	100%	3	93%	1	1
DISTRICT OF COLUMBIA																												
110010041	1	2	1	.	.	01/01/99	.	02/21/99	1	40%	1	86%	1	86%	1	72%	.	1	1	73%	1	80%	1	62%	1	70%	.	1
110010041	2	2	1	.	.	01/01/99	.	03/01/99	6	56%	.	.	.	.	.	.	.	.	3	59%	6	94%	6	81%	6	94%	.	1
110010042	1	2	1	.	.	01/01/99	.	03/20/99	6	27%	3	62%	3	55%	3	62%	.	.	6	81%	3	60%	3	58%	3	84%	.	1
110010043	1	2	1	.	.	01/01/99	.	01/15/99	1	48%	1	97%	1	54%	1	87%	.	1	1	82%	1	90%	1	74%	1	89%	.	1
110010043	2	2	1	.	.	01/01/99	.	02/06/99	6	65%	6	78%	6	64%	.	.	.	.	6	47%	6	20%	6	13%	6	7%	.	.
110010043	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
FLORIDA																												
120010023	1	2	1	.	.	01/06/99	.	01/09/99	3	83%	3	93%	3	97%	3	97%	1	1	.	.	3	97%	3	97%	3	97%	.	.
120010024	1	3	1	.	.	09/05/99	.	09/12/99	.	.	.	.	3	26%	3	97%	.	.	3	100%	3	97%	3	100%	3	100%	1	1
120090007	1	2	1	.	.	03/01/00	.	03/29/00	.	.	.	.	.	.	.	.	.	.	6	13%	3	97%	3	94%	3	93%	.	.
120111002	1	2	1	.	.	01/01/99	.	01/01/99	1	86%	1	93%	1	87%	1	100%	1	1	1	98%	1	92%	1	100%	1	99%	1	1
120112004	1	2	1	.	.	04/01/99	.	04/02/99	.	.	1	92%	1	89%	1	92%	.	.	1	90%	1	92%	1	91%	1	100%	1	1
120113002	1	2	1	.	.	04/03/99	.	04/03/99	.	.	3	87%	3	97%	3	97%	.	.	3	100%	3	97%	3	100%	3	100%	1	1
120170005	1	2	1	.	.	02/05/99	.	02/05/99	3	57%	3	90%	3	84%	3	90%	.	1	3	90%	3	87%	3	97%	3	100%	1	1
120251016	1	2	1	.	.	02/04/99	.	02/04/99	1	46%	1	85%	1	83%	1	88%	.	1	1	92%	1	92%	1	79%	.	.	.	.
120251016	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120256001	1	2	1	.	.	01/27/99	.	01/27/99	3	63%	3	90%	3	84%	3	97%	.	1	3	100%	3	93%	3	68%	.	.	.	.
120310098	1	2	1	.	.	06/01/99	.	06/30/99	.	.	6	7%	1	59%	1	86%	.	.	1	93%	1	87%	1	65%	1	97%	.	1
120310099	1	2	1	.	.	06/01/99	.	06/30/99	.	.	6	7%	1	60%	1	90%	.	.	1	93%	1	49%	1	74%	1	85%	.	1
120330004	1	2	1	.	.	01/03/99	.	01/06/99	3	90%	3	97%	3	90%	3	93%	1	1	3	100%	3	100%	3	94%	3	90%	1	1
120330004	3	3	.	.	1	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120330004	5	3	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120570030	1	2	1	.	.	01/01/99	.	01/01/99	1	84%	1	90%	1	89%	1	75%	1	1	1	93%	1	92%	1	91%	1	97%	1	1
120571075	1	2	1	.	.	01/01/99	.	01/20/99	1	77%	1	85%	1	90%	1	80%	1	1	1	92%	1	96%	1	96%	1	100%	1	1
120571075	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120571075	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120710005	1	2	1	.	.	01/01/99	.	01/06/99	3	57%	3	97%	3	97%	3	100%	.	1	3	84%	3	83%	3	84%	3	100%	1	1
120710005	2	2	.	.	.	01/21/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120730012	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	3	94%	3	94%	3	87%	1	1	3	74%	3	93%	3	84%	3	90%	.	1
120814012	1	2	1	.	.	01/01/99	.	01/30/99	3	47%	3	93%	3	84%	3	80%	.	1	3	65%	3	83%	3	97%	3	87%	.	1
120830003	1	2	1	.	.	01/07/99	.	01/21/99	3	47%	3	90%	3	94%	3	87%	.	1	3	97%	3	90%	3	90%	3	100%	1	1
120951004	1	2	1	.	.	01/01/99	.	01/01/99	1	92%	1	92%	1	93%	1	100%	1	1	1	96%	1	97%	1	95%	1	99%	1	1
120952002	1	2	1	.	.	01/01/99	.	01/03/99	1	92%	1	100%	1	95%	1	99%	1	1	1	99%	1	90%	1	93%	1	95%	1	1
120952002	3	3	.	.	1	05/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120990009	1	2	1	.	.	12/04/99	.	12/04/99	.	.	.	.	.	.	1	23%	.	.	1	99%	1	85%	1	96%	1	98%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
120991004	1	3	.	.	1	05/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120992003	1	2	1	.	.	01/01/99	.	01/05/99	1	87%	1	95%	1	76%	1	92%	1	1	1	91%	1	82%	1	99%	1	93%	1	1
121030018	1	2	1	.	.	01/01/99	.	01/01/99	1	94%	1	93%	1	96%	1	98%	1	1	1	86%	1	92%	1	91%	1	96%	1	1
121031008	1	2	1	.	.	01/27/99	.	01/27/99	3	73%	3	94%	3	97%	3	93%	.	1	3	84%	3	87%	3	94%	3	97%	1	1
121056006	1	2	1	.	.	01/01/99	.	01/06/99	3	37%	3	63%	3	74%	3	80%	.	1	3	77%	3	87%	3	87%	3	87%	1	1
121111002	1	2	1	.	.	01/03/99	.	01/06/99	3	90%	3	100%	3	94%	3	97%	1	1	3	97%	3	90%	3	84%	3	97%	1	1
121150013	1	2	1	.	.	01/03/99	.	01/03/99	3	77%	3	93%	3	94%	3	100%	1	1	3	100%	3	83%	3	100%	3	100%	1	1
121171002	1	2	1	.	.	01/07/99	.	01/09/99	3	80%	3	93%	3	84%	3	87%	1	1	3	90%	3	100%	3	100%	3	100%	1	1
121275002	1	2	1	.	.	01/04/99	.	01/06/99	3	93%	3	80%	3	91%	3	97%	1	1	3	100%	3	97%	3	94%	3	100%	1	1
GEORGIA																												
130210007	1	2	1	.	.	02/02/99	.	02/02/99	3	40%	3	97%	3	96%	3	91%	.	1	3	94%	3	90%	3	90%	3	80%	1	1
130210007	2	3	.	.	.	02/02/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
130210012	1	2	1	.	.	02/11/99	.	02/11/99	3	37%	3	87%	3	84%	3	100%	.	1	3	97%	3	87%	3	74%	3	80%	.	1
130510017	1	2	1	.	.	01/21/99	.	01/21/99	3	67%	3	80%	3	94%	3	80%	.	1	3	97%	3	90%	3	77%	3	70%	.	1
130510017	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
130510091	1	2	1	.	.	01/21/99	.	01/21/99	3	70%	3	70%	3	19%	3	83%	.	.	3	90%	3	97%	3	90%	3	80%	1	1
130590001	1	2	1	.	.	01/21/99	.	01/30/99	3	63%	3	97%	3	81%	3	87%	.	1	3	94%	3	53%	3	77%	3	77%	.	1
130630091	1	2	1	.	.	01/09/99	.	01/09/99	3	77%	3	80%	3	90%	3	97%	1	1	3	87%	3	80%	3	78%	3	77%	1	1
130670003	1	2	1	.	.	02/07/99	.	02/07/99	3	33%	3	97%	3	74%	3	90%	.	.	3	90%	3	97%	3	84%	3	83%	1	1
130890002	1	2	1	.	.	01/22/99	.	01/22/99	1	49%	1	86%	1	82%	1	86%	.	1	1	77%	1	80%	1	84%	1	78%	1	1
130890002	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
130892001	1	2	1	.	.	01/01/99	.	01/01/99	1	82%	1	86%	1	90%	1	87%	1	1	1	85%	1	76%	1	79%	1	82%	1	1
130892001	2	2	1	.	.	01/01/99	.	07/24/99	.	.	.	.	6	13%	.	.	.	.	6	6%	.	.	.	.	.	.	.	.
130950007	1	2	1	.	.	02/02/99	.	02/02/99	3	33%	3	93%	3	94%	3	77%	.	.	3	100%	3	87%	3	66%	3	94%	.	1
131150005	1	2	1	.	.	01/18/99	.	01/18/99	3	63%	3	90%	3	100%	3	77%	.	1	3	84%	3	87%	3	71%	3	80%	.	1
131210032	1	2	1	.	.	01/01/99	.	01/01/99	1	63%	1	84%	1	82%	1	88%	.	1	1	87%	1	75%	1	83%	1	78%	.	1
131210032	2	2	1	.	.	01/01/99	.	08/17/99	.	.	.	.	6	7%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
131210039	1	2	1	.	.	01/21/99	.	01/21/99	3	77%	3	77%	3	90%	3	93%	1	1	3	90%	3	80%	3	77%	3	83%	1	1
131211001	1	2	1	.	.	01/01/99	.	01/01/99	3	68%	3	80%	3	97%	3	93%	.	1	3	94%	3	63%	3	87%	3	87%	.	1
131270004	1	2	1	.	.	01/21/99	08/30/99	01/21/99	3	47%	3	70%	3	0%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
131270006	1	2	1	.	.	08/31/99	.	08/31/99	.	.	.	.	3	32%	3	80%	.	.	3	87%	3	87%	3	90%	3	83%	1	1
131350002	1	3	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	69%	6	87%	6	88%	6	100%	.	1
131390003	1	2	1	.	.	02/14/99	.	02/14/99	3	43%	3	97%	3	97%	3	93%	.	1	3	81%	3	87%	3	87%	3	80%	1	1
131530001	1	3	1	.	.	07/05/00	.	07/05/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	87%	6	53%	.	.
131850003	1	3	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	88%	6	87%	6	93%	6	87%	1	1
132150001	1	2	1	.	.	03/04/99	.	03/04/99	3	27%	3	90%	3	87%	3	87%	.	.	3	94%	3	87%	3	100%	3	83%	1	1
132150001	2	2	1	.	.	01/01/99	.	03/25/00	.	.	.	.	.	.	.	.	.	.	6	0%	.	.	.	.	.	.	.	.
132150011	1	2	1	.	.	01/21/99	.	01/21/99	3	68%	3	87%	3	97%	3	93%	.	1	3	97%	3	90%	3	94%	3	87%	1	1
132230003	1	2	1	.	.	01/24/99	.	01/24/99	3	57%	3	90%	3	77%	3	93%	.	1	3	97%	3	97%	3	94%	3	90%	1	1
132450005	1	2	1	.	.	01/21/99	.	01/21/99	3	70%	3	100%	3	81%	3	77%	.	1	3	74%	3	83%	3	71%	3	90%	.	1
132450005	2	2	1	.	.	01/01/99	.	03/13/00	.	.	.	.	.	.	.	.	.	.	6	0%	.	.	6	7%	.	.	.	.
132450091	1	2	1	.	.	02/08/99	.	02/08/99	3	47%	3	87%	3	87%	3	60%	.	1	3	68%	3	93%	3	84%	3	93%	.	1
132950002	1	3	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	94%	6	67%	6	69%	6	67%	.	.
133030001	1	2	1	.	.	01/30/99	.	01/30/99	6	69%	6	100%	6	93%	6	100%	1	1	6	94%	6	87%	6	94%	6	80%	1	1
133190001	1	2	1	.	.	01/01/99	.	04/12/99	.	.	3	77%	3	81%	3	97%	.	.	3	90%	3	87%	3	94%	3	80%	1	1
HAWAII																												
150030010	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	3	97%	3	88%	3	53%	.	1	3	35%	1	35%	3	94%	3	97%	.	1
150031001	1	2	1	.	.	01/01/99	.	01/01/99	1	88%	1	97%	1	90%	1	87%	1	1	1	97%	1	93%	1	95%	1	85%	1	1
150031001	2	2	1	.	.	01/01/99	.	12/02/99	.	.	.	.	.	.	6	13%	.	.	.	.	6	13%	.	.	6	13%	.	.
150031004	1	2	1	.	.	10/01/99	.	10/03/99	.	.	.	.	.	.	6	100%	.	.	6	81%	6	93%	6	100%	6	100%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
150032004	1	2	1	.	.	01/01/99	.	01/01/99	1	91%	1	90%	1	93%	1	92%	1	1	1	85%	1	90%	1	80%	1	76%	1	1
150032004	2	2	1	.	.	01/01/99	.	10/27/99	.	.	.	.	.	.	6	7%	.	.	.	.	6	7%	.	.	6	27%	.	.
150090006	1	2	1	.	.	01/28/99	.	01/30/99	3	50%	3	97%	3	71%	3	87%	.	1	3	81%	3	93%	3	90%	3	80%	1	1
IDAHO																												
160010011	1	2	1	.	.	11/01/98	02/20/01	01/03/99	3	100%	3	100%	3	97%	3	100%	1	1	3	100%	3	100%	3	100%	3	92%	1	1
160010011	2	2	.	.	.	07/20/99	07/21/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160010011	3	3	.	.	1	12/20/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160010017	1	2	1	.	.	12/13/98	.	01/06/99	6	100%	6	100%	3	81%	3	100%	1	1	3	97%	3	93%	3	100%	3	97%	1	1
160050006	1	2	1	.	.	11/01/98	.	01/06/99	6	100%	6	93%	6	83%	3	97%	1	1	3	97%	3	94%	3	91%	3	87%	1	1
160050015	1	2	1	.	.	11/01/98	02/20/01	01/03/99	3	100%	3	94%	3	81%	3	97%	1	1	3	94%	3	97%	3	97%	3	100%	1	1
160050015	2	2	.	.	.	07/17/99	07/18/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160050015	3	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160150001	1	3	.	.	1	12/13/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160170001	1	3	1	.	.	11/01/98	03/07/01	01/03/99	3	97%	3	100%	3	94%	3	100%	1	1	3	94%	3	90%	3	97%	3	97%	1	1
160170001	2	3	.	.	.	07/17/99	07/18/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160190006	1	3	.	1	.	12/01/98	08/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160190010	1	3	1	.	.	08/10/99	.	08/31/99	.	.	.	.	6	13%	6	81%	.	.	6	88%	6	93%	6	93%	6	100%	1	1
160210001	1	2	.	.	.	05/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160270004	1	3	1	.	.	11/01/98	.	01/03/99	3	100%	3	97%	3	100%	3	97%	1	1	3	100%	3	97%	3	97%	3	97%	1	1
160270004	2	2	1	.	.	07/01/00	.	08/28/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	40%	6	100%	.	.
160270005	1	2	1	.	.	12/07/98	.	01/06/99	6	100%	6	100%	3	81%	3	100%	1	1	3	100%	3	100%	3	100%	3	100%	1	1
160490002	1	3	.	.	1	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160550006	1	3	.	.	1	11/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160550006	2	2	1	.	.	07/23/99	.	07/23/99	.	.	.	.	3	71%	3	97%	.	.	3	97%	3	97%	3	94%	3	100%	1	1
160550006	3	2	1	.	.	07/01/00	.	08/28/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	40%	6	93%	.	.
160590004	1	3	.	.	1	09/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160690009	1	3	1	.	.	10/04/99	.	10/04/99	.	.	.	.	.	.	6	88%	.	.	6	100%	6	87%	6	100%	6	100%	1	1
160690009	2	3	1	.	.	07/01/00	.	09/21/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	13%	6	100%	.	.
160790017	1	3	1	.	.	09/03/99	.	09/03/99	.	.	.	.	6	27%	6	93%	.	.	6	94%	6	100%	6	87%	3	53%	.	1
160830006	1	3	1	.	.	12/13/98	.	01/06/99	6	80%	6	87%	6	80%	6	80%	1	1	6	88%	6	93%	6	81%	6	93%	1	1
160830010	1	3	1	.	.	12/08/99	.	12/08/99	.	.	.	.	.	.	6	27%	.	.	6	94%	6	100%	6	93%	6	93%	1	1
160830010	2	3	1	.	.	07/01/00	01/01/01	08/28/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	33%	6	93%	.	.
160850001	1	3	.	.	1	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
ILLINOIS																												
170010006	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	82%	6	88%	6	100%	6	100%	1	1
170190004	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	94%	6	100%	6	93%	6	88%	1	1
170191001	1	2	1	.	.	01/01/99	.	01/28/99	6	53%	6	93%	6	93%	6	93%	.	.	6	100%	6	100%	6	87%	6	100%	1	1
170310014	1	2	1	.	.	01/01/99	.	01/06/99	6	81%	6	81%	6	100%	6	100%	1	1	3	65%	3	100%	3	84%	3	93%	.	1
170310022	1	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	100%	6	100%	6	100%	1	1	3	97%	3	87%	3	94%	3	93%	1	1
170310050	1	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	100%	6	100%	6	100%	1	1	1	90%	1	95%	1	98%	1	17%	.	1
170310050	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
170310050	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
170310052	1	2	1	.	.	01/01/98	.	01/06/99	6	93%	6	100%	6	27%	6	100%	.	.	1	91%	1	93%	1	98%	1	96%	1	1
170310057	1	2	1	.	.	01/01/00	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	88%	3	77%	3	100%	3	90%	1	1
170310076	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	87%	3	97%	3	97%	3	83%	1	1
170311016	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	93%	6	100%	6	100%	1	1	3	94%	3	87%	3	84%	3	90%	1	1
170311701	1	2	1	.	.	01/01/99	12/31/99	01/06/99	6	93%	6	100%	6	100%	6	88%	1	1	.	.	.	.	.	.	.	.	.	.
170312001	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	100%	6	94%	6	100%	1	1	3	87%	3	97%	3	100%	3	87%	1	1
170313301	1	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	100%	6	100%	6	100%	1	1	3	94%	3	97%	3	100%	3	87%	1	1
170314006	1	2	1	.	.	01/01/99	12/31/00	01/18/99	6	73%	6	72%	6	94%	6	74%	.	1	3	75%	3	80%	3	87%	3	87%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
170314007	1	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
170314201	1	2	1	.	.	01/01/98	.	01/08/99	6	93%	6	100%	6	94%	6	100%	1	1	1	88%	1	87%	1	93%	1	89%	1	1
170316005	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	74%	3	97%	3	94%	3	93%	.	1
170434002	1	2	1	.	.	01/01/99	.	01/24/99	6	80%	6	100%	6	87%	6	93%	1	1	3	90%	3	100%	3	97%	3	87%	1	1
170890003	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	87%	3	84%	3	79%	3	70%	.	1
170971007	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	97%	3	97%	3	97%	3	84%	1	1
170990007	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	88%	3	93%	3	84%	3	77%	1	1
171110001	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	94%	1	27%	3	100%	3	84%	.	1
171132002	1	2	1	.	.	01/01/00	.	01/07/00	.	.	.	.	.	.	.	.	.	.	6	81%	6	87%	6	100%	6	93%	1	1
171150013	1	2	1	.	.	01/01/99	.	01/08/99	6	53%	6	80%	6	93%	6	100%	.	.	3	100%	3	97%	3	97%	3	100%	1	1
171170002	1	2	1	.	.	01/01/99	12/31/99	01/06/99	6	93%	6	100%	6	93%	6	100%	1	1	.	.	.	.	.	.	.	.	.	.
171190023	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	87%	6	100%	6	100%	1	1	3	94%	3	97%	3	90%	3	97%	1	1
171191007	1	2	1	.	.	01/01/99	.	01/06/99	6	69%	6	100%	6	100%	6	100%	1	1	3	100%	3	97%	3	97%	3	90%	1	1
171192009	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	97%	3	94%	3	97%	3	97%	1	1
171193007	1	2	1	.	.	01/01/99	.	01/06/99	6	81%	6	80%	6	100%	6	100%	1	1	3	90%	3	100%	3	97%	3	93%	1	1
171430037	1	2	1	.	.	01/01/99	.	01/18/99	6	69%	6	93%	6	100%	6	93%	1	1	3	94%	3	93%	3	94%	3	97%	1	1
171570001	1	2	1	.	.	01/01/99	.	01/21/99	6	87%	6	93%	6	100%	6	100%	1	1	6	100%	6	100%	6	75%	6	93%	1	1
171610003	1	2	1	.	.	01/01/99	12/31/00	01/06/99	6	80%	6	100%	6	100%	6	100%	1	1	6	94%	6	100%	6	100%	6	93%	1	1
171613002	1	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
171630010	1	2	1	.	.	01/01/99	.	01/09/99	6	87%	6	93%	6	100%	6	100%	1	1	3	87%	3	97%	3	90%	3	97%	1	1
171634001	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	77%	3	90%	3	77%	3	94%	1	1
171670012	1	2	1	.	.	01/01/99	.	01/07/99	6	88%	6	100%	6	93%	6	100%	1	1	3	91%	3	90%	3	94%	3	87%	1	1
171971002	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	100%	6	100%	6	100%	1	1	3	84%	3	93%	3	91%	3	82%	1	1
171971011	1	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	87%	6	73%	6	100%	1	1	6	100%	6	100%	6	100%	6	87%	1	1
172010010	1	2	1	.	.	02/01/99	.	02/13/99	6	56%	6	81%	6	88%	6	100%	.	.	3	94%	3	97%	3	97%	3	77%	1	1
INDIANA																												
180030004	1	2	1	.	.	01/01/99	.	01/21/99	3	73%	3	87%	3	71%	3	90%	.	1	3	90%	3	77%	3	100%	.	.	.	.
180030004	2	2	1	.	.	01/01/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	100%	6	87%	6	100%	.	.	.	.
180030014	1	2	1	.	.	02/12/00	.	02/12/00	.	.	.	.	.	.	.	.	.	.	3	48%	3	87%	3	87%	.	.	.	.
180030015	1	2	.	.	.	02/12/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
180190005	1	2	1	.	.	01/01/99	.	01/18/99	3	70%	3	97%	3	97%	3	90%	.	1	3	94%	3	100%	3	94%	.	.	.	.
180350006	1	2	1	.	.	10/15/99	.	10/15/99	.	.	.	.	.	.	3	80%	.	.	3	97%	3	83%	3	97%	.	.	.	.
180372001	1	2	1	.	.	01/01/00	.	01/07/00	.	.	.	.	.	.	.	.	.	.	3	84%	3	97%	3	100%	.	.	.	.
180390003	1	2	1	.	.	05/12/99	.	05/15/99	.	.	3	53%	3	94%	3	97%	.	.	3	77%	3	67%	3	100%	.	.	.	.
180431004	1	2	1	.	.	01/01/99	.	01/18/99	3	70%	3	90%	3	100%	3	83%	.	1	3	77%	3	90%	3	81%	.	.	.	.
180431004	2	2	1	.	.	01/01/99	.	01/30/99	6	60%	6	33%	.	.	.	.	.	.	6	88%	6	93%	6	100%	.	.	.	.
180650003	1	2	.	.	.	09/26/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
180670003	1	2	1	.	.	06/11/99	.	06/11/99	.	.	3	23%	3	74%	3	90%	.	.	3	94%	3	87%	3	87%	.	.	.	.
180830004	1	2	1	.	.	01/01/00	.	01/16/00	.	.	.	.	.	.	.	.	.	.	3	52%	3	67%	3	90%	.	.	.	.
180890006	1	2	1	.	.	01/27/99	.	01/30/99	1	41%	1	87%	1	77%	1	86%	.	1	1	87%	1	85%	1	84%	.	.	.	.
180890022	1	2	1	.	.	03/04/99	.	03/05/99	1	21%	1	90%	1	87%	1	92%	.	1	1	97%	1	87%	1	91%	.	.	.	.
180890026	1	2	1	.	.	02/12/00	.	05/06/00	.	.	.	.	.	.	.	.	.	.	.	.	3	57%	3	94%	.	.	.	.
180890027	1	2	1	.	.	02/18/00	.	02/18/00	.	.	.	.	.	.	.	.	.	.	3	48%	3	63%	3	81%	.	.	.	.
180891003	1	2	1	.	.	01/27/99	.	02/02/99	3	47%	3	90%	3	81%	3	90%	.	1	3	84%	3	77%	3	84%	.	.	.	.
180891016	1	2	1	.	.	01/01/99	.	01/01/99	1	91%	1	91%	1	85%	1	83%	1	1	1	96%	1	95%	1	87%	.	.	.	.
180891016	2	2	1	.	.	03/07/99	.	03/07/99	6	27%	6	27%	.	.	.	.	.	.	6	100%	6	87%	6	80%	.	.	.	.
180892004	1	2	1	.	.	02/11/99	.	02/11/99	3	30%	3	83%	3	87%	3	93%	.	.	3	87%	3	73%	3	77%	.	.	.	.
180892010	1	2	1	.	.	01/27/99	.	01/27/99	3	27%	3	70%	3	94%	3	7%	.	.	3	16%	3	83%	3	16%	.	.	.	.
180910011	1	2	1	.	.	12/17/99	.	12/17/99	.	.	.	.	.	.	3	7%	.	.	3	90%	3	100%	3	90%	.	.	.	.
180910012	1	2	1	.	.	02/27/00	.	03/01/00	.	.	.	.	.	.	.	.	.	.	3	35%	3	83%	3	90%	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

STATE / SITE	POC	MT	Data in AIRS? FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	1999 Information Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	2000 Information Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
180950009	1	2	1	.	.	03/19/99	.	03/19/99	3	17%	3	97%	3	68%	3	97%	.	.	3	94%	3	83%	3	87%	.	.	.	.
180950009	2	2	1	.	.	03/19/99	.	03/19/99	6	13%	6	33%	.	.	.	.	.	.	6	81%	6	93%	6	93%	.	.	.	.
180970042	1	2	1	.	.	09/18/99	.	09/18/99	.	.	.	.	3	16%	3	90%	.	.	3	97%	3	100%	3	100%	3	93%	1	1
180970043	1	2	1	.	.	01/24/99	.	01/24/99	3	67%	3	100%	3	94%	3	93%	.	1	3	91%	3	90%	3	100%	3	100%	1	1
180970066	1	2	1	.	.	01/24/99	.	01/24/99	3	43%	3	100%	3	70%	3	81%	.	1	3	32%	3	87%	3	94%	3	77%	.	.
180970078	1	2	1	.	.	03/07/99	.	03/07/99	3	27%	3	93%	3	94%	3	97%	.	.	3	97%	3	100%	3	100%	3	87%	1	1
180970078	3	2	.	.	1	07/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
180970078	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
180970079	1	2	1	.	.	09/18/99	.	09/18/99	.	.	.	.	3	16%	3	84%	.	.	3	87%	3	90%	3	97%	3	90%	1	1
180970081	1	2	1	.	.	01/22/99	.	01/22/99	1	68%	1	99%	1	100%	1	100%	.	1	1	90%	1	95%	1	92%	1	93%	1	1
180970081	2	2	1	.	.	02/11/99	.	02/11/99	6	47%	6	93%	6	93%	6	88%	.	.	6	81%	6	93%	6	87%	6	87%	1	1
180970083	1	2	1	.	.	01/22/99	.	01/22/99	1	73%	1	98%	1	98%	1	100%	.	1	1	93%	1	98%	1	97%	1	90%	1	1
180970083	2	2	1	.	.	01/24/99	.	01/24/99	6	60%	6	93%	6	100%	6	100%	.	.	6	94%	6	93%	6	93%	6	100%	1	1
181270020	1	2	1	.	.	03/04/99	.	03/04/99	3	23%	3	97%	3	100%	3	93%	.	.	3	94%	3	83%	3	87%	.	.	.	.
181270024	1	2	1	.	.	01/27/99	.	01/27/99	3	63%	3	100%	3	97%	3	87%	.	1	3	87%	3	67%	3	90%	.	.	.	.
181410014	1	2	1	.	.	11/20/99	.	11/20/99	.	.	.	.	.	.	3	47%	.	.	3	90%	3	97%	3	90%	.	.	.	.
181411008	1	2	1	.	.	04/01/99	.	04/15/99	.	.	3	83%	3	97%	3	73%	.	.	3	65%	3	90%	3	100%	.	.	.	.
181411008	2	2	1	.	.	04/01/99	.	04/18/99	.	.	6	20%	.	.	.	.	.	.	6	81%	6	80%	6	93%	.	.	.	.
181412004	1	2	1	.	.	04/01/99	.	04/15/99	.	.	3	87%	3	87%	3	100%	.	.	3	94%	3	83%	3	90%	.	.	.	.
181470009	1	3	1	.	.	02/01/00	.	02/06/00	.	.	.	.	.	.	.	.	.	.	6	50%	6	93%	6	87%	.	.	.	.
181570007	1	2	1	.	.	04/01/99	.	05/15/99	.	.	3	47%	3	100%	3	93%	.	.	3	87%	3	93%	3	97%	.	.	.	.
181570007	2	2	1	.	.	06/05/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	94%	6	93%	6	93%	.	.	.	.
181630006	1	2	1	.	.	04/15/99	.	04/15/99	.	.	3	77%	3	100%	3	90%	.	.	3	100%	3	97%	3	90%	.	.	.	.
181630006	2	2	1	.	.	04/15/99	.	04/18/99	.	.	6	20%	.	.	.	.	.	.	6	75%	6	80%	6	93%	.	.	.	.
181630012	1	2	1	.	.	04/15/99	.	04/15/99	.	.	3	73%	3	77%	3	93%	.	.	3	90%	3	100%	3	87%	.	.	.	.
181630016	1	2	1	.	.	06/05/99	.	06/11/99	.	.	3	23%	3	94%	3	93%	.	.	3	77%	3	100%	3	81%	.	.	.	.
181670018	1	2	1	.	.	03/19/99	.	03/19/99	3	10%	3	90%	3	100%	3	97%	.	.	3	97%	3	87%	3	94%	.	.	.	.
181670023	1	2	1	.	.	12/06/99	.	12/08/99	.	.	.	.	.	.	3	23%	.	.	3	94%	3	87%	3	100%	.	.	.	.
181670023	2	2	1	.	.	12/06/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	88%	6	93%	6	73%	.	.	.	.
IOWA																												
190130008	1	2	1	.	.	01/15/99	.	02/06/99	3	63%	3	97%	3	100%	3	100%	.	1	3	100%	3	100%	3	100%	3	100%	1	1
190330018	1	3	.	.	1	06/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
190330019	1	2	1	.	.	07/01/99	.	07/02/99	.	.	.	.	3	94%	3	100%	.	.	3	97%	3	100%	3	100%	3	100%	1	1
190450019	1	3	.	.	1	08/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
190450021	1	2	1	.	.	01/27/99	.	01/27/99	3	70%	3	94%	3	100%	3	100%	.	1	3	97%	3	100%	3	100%	3	100%	1	1
190630003	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	94%	3	80%	3	90%	3	97%	1	1
191032001	1	2	1	.	.	01/27/99	.	01/27/99	3	71%	3	100%	3	100%	3	100%	.	1	3	100%	3	100%	3	100%	3	100%	1	1
191130029	1	3	.	.	1	10/01/98	08/06/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191130036	1	2	1	.	.	01/15/99	.	01/30/99	3	70%	3	93%	3	94%	3	94%	.	1	3	97%	3	97%	3	100%	3	93%	1	1
191130037	1	2	1	.	.	01/15/99	.	01/30/99	3	57%	3	100%	3	100%	3	97%	.	1	1	91%	1	92%	1	92%	1	82%	1	1
191130037	2	2	.	.	1	11/01/99	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191130037	5	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191390015	1	2	1	.	.	04/01/00	.	04/03/00	.	.	.	.	.	.	.	.	.	.	.	.	3	100%	3	97%	3	100%	.	.
191390016	1	2	1	.	.	01/27/99	03/31/00	01/27/99	3	74%	3	97%	3	100%	3	100%	.	1	3	100%	.	.	.	.	.	.	.	.
191390020	1	3	.	.	1	02/01/99	03/31/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191471002	1	3	.	.	1	08/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191530059	1	2	.	.	1	01/01/98	10/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191530059	2	2	1	.	.	11/01/99	.	11/08/99	.	.	.	.	.	.	3	40%	.	.	3	84%	3	87%	3	90%	3	80%	1	1
191532510	1	2	1	.	.	02/01/99	.	02/05/99	3	37%	3	97%	3	94%	3	84%	.	1	3	100%	3	80%	3	100%	3	97%	1	1
191532520	1	2	1	.	.	02/01/99	.	02/05/99	3	50%	3	100%	3	100%	3	93%	.	1	1	92%	1	98%	1	100%	1	95%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
191532520	2	2	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191532520	5	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191550009	1	2	1	.	.	07/01/99	.	07/02/99	.	.	.	.	3	74%	3	93%	.	.	3	87%	3	100%	3	100%	3	93%	1	1
191630013	1	3	.	.	1	06/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191630015	1	2	.	.	1	02/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191630015	2	2	1	.	.	01/27/99	.	01/27/99	3	65%	3	100%	3	100%	3	100%	.	1	1	99%	1	100%	1	100%	1	96%	1	1
191630015	5	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191630017	1	3	.	.	1	06/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191630018	1	2	1	.	.	07/01/99	.	07/02/99	.	.	.	.	3	100%	3	100%	.	.	3	100%	3	100%	3	100%	3	100%	1	1
191692530	1	2	1	.	.	02/01/99	.	02/05/99	3	30%	3	97%	3	100%	3	100%	.	.	3	84%	3	87%	3	84%	3	93%	1	1
191770005	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	87%	3	91%	3	100%	3	83%	1	1
191770005	2	2	.	.	1	04/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
191930017	1	2	1	.	.	01/30/99	.	01/30/99	3	67%	3	100%	3	97%	3	100%	.	1	3	94%	3	97%	3	97%	3	97%	1	1
KANSAS																												
200910007	1	2	1	.	.	01/21/99	.	01/21/99	3	37%	3	83%	3	94%	3	100%	.	1	3	100%	3	93%	3	100%	3	97%	1	1
200910007	2	3	1	.	.	01/15/99	.	01/15/99	6	50%	6	58%	6	94%	6	93%	.	.	6	100%	6	100%	6	80%	6	100%	1	1
200910008	1	2	1	.	.	01/12/99	.	01/12/99	3	77%	3	77%	3	81%	3	93%	1	1	3	97%	3	100%	3	97%	3	90%	1	1
200910009	1	2	1	.	.	01/12/99	.	01/12/99	3	80%	3	77%	3	94%	3	100%	1	1	3	100%	3	100%	3	97%	3	93%	1	1
201070002	1	2	1	.	.	01/21/99	.	01/21/99	3	65%	3	83%	3	94%	3	93%	.	1	3	94%	3	93%	3	84%	3	100%	1	1
201070002	2	3	1	.	.	01/24/99	.	01/24/99	6	53%	6	80%	6	80%	6	87%	.	.	6	100%	6	100%	6	87%	6	100%	1	1
201070002	3	3	.	.	1	12/10/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
201730008	1	2	1	.	.	01/27/99	.	01/27/99	3	73%	3	97%	3	90%	3	90%	.	1	3	84%	3	97%	3	94%	3	97%	1	1
201730009	1	2	1	.	.	01/27/99	.	01/27/99	3	70%	3	87%	3	94%	3	87%	.	1	3	97%	3	100%	3	97%	3	97%	1	1
201730010	1	2	1	.	.	01/12/99	.	01/12/99	3	81%	3	93%	3	87%	3	90%	1	1	3	97%	3	90%	3	97%	3	97%	1	1
201730010	2	3	1	.	.	01/12/99	.	01/12/99	6	80%	6	80%	6	47%	6	87%	.	.	6	81%	6	100%	6	100%	6	100%	1	1
201770010	1	2	1	.	.	01/27/99	.	01/27/99	3	67%	3	90%	3	100%	3	90%	.	1	3	94%	3	100%	3	100%	3	90%	1	1
201770011	1	2	1	.	.	01/27/99	.	01/27/99	3	67%	3	88%	3	97%	3	97%	.	1	3	94%	3	100%	3	90%	3	90%	1	1
201770012	1	3	1	.	.	06/14/99	.	06/20/99	.	.	3	13%	3	87%	3	97%	.	.	3	97%	3	87%	3	100%	3	97%	1	1
201770012	2	3	.	.	1	03/24/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
201910002	1	2	1	.	.	11/17/99	.	11/17/99	.	.	.	.	.	.	3	40%	.	.	3	90%	3	93%	3	97%	3	93%	1	1
201950001	3	3	.	.	.	06/20/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
202090021	1	2	1	.	.	04/27/99	.	04/27/99	.	.	3	67%	3	100%	3	100%	.	.	3	100%	3	93%	3	100%	3	100%	1	1
202090021	2	3	1	.	.	04/30/99	.	04/30/99	.	.	6	73%	6	100%	6	100%	.	.	6	100%	6	100%	6	100%	6	93%	1	1
202090021	3	3	.	.	1	04/17/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
202090022	1	2	1	.	.	04/30/99	.	04/30/99	.	.	3	53%	3	77%	3	87%	.	.	3	100%	3	97%	3	97%	3	100%	1	1
KENTUCKY																												
210130002	1	3	1	.	.	07/15/99	.	08/16/99	.	.	.	.	6	33%	6	73%	.	.	6	63%	6	93%	6	100%	6	93%	.	.
210190017	1	2	1	.	.	01/01/99	.	02/02/99	3	57%	3	80%	3	87%	3	97%	.	1	3	97%	3	87%	3	94%	3	93%	1	1
210190017	2	3	1	.	.	01/01/99	04/30/99	02/05/99	6	67%	6	7%	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
210290006	1	2	1	.	.	01/01/99	.	01/21/99	3	73%	3	83%	3	84%	3	87%	.	1	3	87%	3	77%	3	90%	3	100%	1	1
210370003	1	2	1	.	.	01/01/99	.	01/27/99	3	63%	3	100%	3	100%	3	83%	.	1	3	97%	3	100%	3	97%	3	100%	1	1
210430500	1	2	1	.	.	01/01/99	.	02/02/99	3	63%	3	83%	3	74%	3	84%	.	1	3	90%	3	97%	3	74%	3	93%	.	1
210470006	1	2	1	.	.	01/01/99	.	01/30/99	3	70%	3	100%	3	100%	3	97%	.	1	3	100%	3	93%	3	68%	3	83%	.	1
210590014	1	2	1	.	.	01/01/99	.	02/01/99	3	63%	3	81%	3	90%	3	100%	.	1	3	0%	3	65%	3	97%	3	100%	.	.
210590014	2	3	1	.	.	01/01/99	04/30/99	01/29/99	6	60%	6	20%	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
210670012	1	2	1	.	.	01/01/99	.	01/21/99	3	73%	3	100%	3	100%	3	93%	.	1	3	100%	3	87%	3	90%	3	93%	1	1
210670012	2	3	1	.	.	01/01/99	04/30/99	01/21/99	6	67%	6	33%	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
210670014	1	2	1	.	.	12/21/98	.	01/30/99	3	63%	3	100%	3	97%	3	100%	.	1	3	100%	3	93%	3	71%	3	90%	.	1
210730006	1	2	1	.	.	01/01/99	.	01/30/99	3	67%	3	90%	3	94%	3	100%	.	1	3	84%	3	100%	3	94%	3	100%	1	1
210930005	1	2	1	.	.	01/01/99	10/18/99	01/27/99	3	63%	3	90%	3	100%	3	3%	.	.	.	.	.	.	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
210930006	1	2	1	.	.	01/01/00	.	02/24/00	.	.	.	.	.	.	.	.	.	.	3	42%	3	93%	3	71%	3	78%	.	1
211010006	1	2	1	.	.	01/01/99	.	02/02/99	3	53%	3	70%	3	87%	3	70%	.	1	3	84%	3	90%	3	94%	3	80%	1	1
211110043	1	2	1	.	.	06/15/98	.	01/02/99	1	79%	1	98%	1	98%	1	87%	1	1	1	95%	1	96%	1	90%	1	93%	1	1
211110043	2	3	1	.	.	01/01/99	12/31/99	01/06/99	6	81%	6	100%	6	93%	6	67%	.	.	.	.	.	.	.	.	.	.	.	.
211110044	1	2	1	.	.	06/15/98	.	01/01/99	1	77%	1	95%	1	98%	1	93%	1	1	1	89%	1	98%	1	88%	1	89%	1	1
211110048	1	2	1	.	.	01/01/99	.	01/06/99	3	77%	3	83%	3	87%	3	73%	.	1	1	22%	3	97%	3	90%	3	100%	.	1
211110048	2	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
211110051	1	3	1	.	.	06/15/98	.	01/02/99	6	88%	6	80%	6	100%	6	81%	1	1	1	11%	6	94%	6	100%	6	93%	.	.
211111041	1	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
211170007	1	2	1	.	.	01/01/99	.	01/27/99	3	50%	3	87%	3	91%	3	80%	.	1	3	100%	3	90%	3	100%	3	97%	1	1
211451004	1	2	1	.	.	01/01/99	.	01/30/99	3	67%	3	83%	3	87%	3	93%	.	1	3	100%	3	53%	3	68%	3	83%	.	1
211510003	1	2	1	.	.	06/15/98	.	01/30/99	3	37%	3	93%	3	94%	3	97%	.	1	3	97%	3	100%	3	94%	3	93%	1	1
211930003	1	3	1	.	.	05/12/00	.	05/12/00	.	.	.	.	.	.	.	.	.	.	.	.	6	53%	6	93%	6	100%	.	.
211950002	1	2	1	.	.	01/01/99	.	02/02/99	3	63%	3	97%	3	100%	3	100%	.	1	3	84%	3	93%	3	94%	3	80%	1	1
211950002	2	3	1	.	.	01/01/99	04/30/99	02/05/99	6	67%	6	33%	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
212270007	1	2	1	.	.	01/01/99	.	01/30/99	3	63%	3	90%	3	100%	3	100%	.	1	3	100%	3	93%	3	90%	3	100%	1	1
212270007	2	3	1	.	.	01/01/99	04/30/99	01/30/99	6	67%	6	20%	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LOUISIANA																												
220150008	1	2	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
220171002	1	2	1	.	.	01/01/99	.	01/03/99	3	100%	3	100%	3	100%	3	100%	1	1	3	100%	3	97%	3	97%	3	87%	1	1
220190008	1	2	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
220190009	1	2	1	.	.	01/01/99	.	01/12/99	6	60%	6	80%	6	87%	6	87%	.	.	3	81%	3	83%	3	100%	3	80%	1	1
220190010	1	2	1	.	.	01/01/99	.	01/06/99	3	83%	3	97%	3	100%	3	100%	1	1	3	94%	3	93%	3	100%	3	80%	1	1
220290002	1	2	1	.	.	01/01/99	.	01/03/99	6	81%	6	100%	6	80%	6	93%	1	1	6	100%	6	100%	6	87%	6	88%	1	1
220330002	1	2	1	.	.	01/01/99	.	01/15/99	3	83%	3	93%	3	84%	3	93%	1	1	3	87%	3	93%	3	84%	3	87%	1	1
220330009	1	2	1	.	.	01/01/99	.	01/01/99	1	97%	1	98%	1	99%	1	96%	1	1	1	97%	1	97%	1	99%	1	83%	1	1
220330009	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
220330013	1	2	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
220331001	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	87%	6	100%	6	87%	1	1	6	100%	6	100%	6	100%	6	93%	1	1
220470005	1	2	1	.	.	01/01/99	.	01/12/99	6	93%	6	93%	6	100%	6	93%	1	1	6	100%	6	93%	6	93%	6	93%	1	1
220470009	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	87%	6	75%	6	87%	1	1	6	94%	6	94%	6	93%	6	93%	1	1
220511001	1	2	1	.	.	01/01/99	.	01/06/99	1	91%	1	99%	1	99%	1	96%	1	1	1	99%	1	98%	1	96%	1	79%	1	1
220512001	1	2	1	.	.	01/01/99	.	01/06/99	6	80%	6	100%	6	100%	6	100%	1	1	6	88%	6	100%	6	100%	6	93%	1	1
220550005	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	93%	3	97%	3	100%	1	1	3	94%	3	100%	3	90%	3	87%	1	1
220550006	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	94%	6	93%	3	81%	3	65%	.	1
220570004	1	2	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
220630002	1	2	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
220710010	1	2	1	.	.	01/01/99	.	01/06/99	3	97%	3	93%	3	100%	3	100%	1	1	3	94%	3	100%	3	94%	3	83%	1	1
220710012	1	2	1	.	.	01/01/99	.	01/06/99	3	80%	3	87%	3	84%	3	80%	1	1	1	82%	1	93%	1	95%	1	84%	1	1
220730004	1	2	1	.	.	01/01/99	.	01/06/99	3	83%	3	93%	3	87%	3	87%	1	1	3	100%	3	97%	3	100%	3	77%	1	1
220790001	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	93%	6	80%	6	100%	1	1	3	90%	3	93%	3	97%	3	80%	1	1
220870004	1	2	1	.	.	01/01/00	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	84%	3	100%	3	100%	3	80%	1	1
221050001	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	93%	6	93%	6	100%	1	1	3	94%	3	100%	3	94%	3	87%	1	1
221090001	1	2	1	.	.	01/01/00	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	81%	3	100%	3	100%	3	90%	1	1
221210001	1	2	1	.	.	01/01/99	.	01/01/99	1	89%	1	91%	1	96%	1	86%	1	1	1	89%	1	93%	1	98%	1	83%	1	1
MAINE																												
230010011	1	3	1	.	.	01/01/99	.	01/24/99	3	50%	3	83%	3	84%	3	63%	.	1	3	90%	3	87%	3	94%	3	80%	1	1
230030013	1	2	1	.	.	01/01/99	.	01/21/99	3	70%	3	97%	3	97%	3	97%	.	1	3	97%	3	97%	3	97%	3	100%	1	1
230031011	1	2	1	.	.	10/01/97	.	01/21/99	3	65%	3	100%	3	100%	3	100%	.	1	3	88%	3	100%	3	100%	3	90%	1	1
230031011	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
230050015	1	3	1	.	.	01/01/99	.	01/06/99	6	67%	6	93%	6	93%	6	87%	.	.	6	100%	6	87%	6	93%	6	93%	1	1
230050026	1	3	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
230050027	1	2	1	.	.	01/01/99	.	01/03/99	3	57%	3	77%	3	94%	3	80%	.	1	3	81%	3	83%	3	90%	3	100%	1	1
230050027	3	2	.	.	1	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
230050028	1	3	1	.	.	01/01/00	.	01/07/00	.	.	.	.	.	.	.	.	.	.	6	75%	6	93%	6	100%	6	80%	1	1
230052003	1	3	1	.	.	01/01/99	.	01/06/99	6	60%	3	100%	3	94%	6	80%	.	.	6	82%	3	83%	3	94%	6	100%	1	1
230090103	1	2	1	.	.	01/01/99	.	01/24/99	6	67%	3	77%	3	91%	6	94%	.	.	6	88%	3	87%	3	91%	6	80%	1	1
230110016	1	3	1	.	.	01/01/99	.	02/05/99	6	53%	6	100%	6	100%	6	100%	.	.	6	88%	6	93%	6	100%	6	100%	1	1
230112002	1	3	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	100%	6	73%	6	93%	6	93%	1	1
230132001	1	3	1	.	.	03/07/00	.	03/13/00	.	.	.	.	.	.	.	.	.	.	6	19%	6	93%	6	73%	6	93%	.	.
230172011	1	3	1	.	.	12/01/98	.	01/24/99	6	80%	6	80%	6	100%	6	93%	1	1	6	100%	6	100%	6	67%	6	73%	.	.
230190002	1	2	1	.	.	01/01/99	.	01/27/99	3	57%	3	78%	3	88%	3	94%	.	1	3	94%	3	81%	3	97%	3	93%	1	1
230190002	2	3	.	.	.	12/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
230190002	3	2	.	.	1	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
230194003	1	3	1	.	.	01/01/99	.	01/24/99	6	80%	6	81%	6	87%	6	93%	1	1	6	94%	6	80%	6	93%	6	100%	1	1
230310008	1	3	1	.	.	01/12/99	.	01/18/99	6	33%	6	87%	6	93%	6	87%	.	.	6	100%	6	93%	6	93%	6	93%	1	1
MARYLAND																												
240030014	1	2	1	.	.	01/01/99	.	08/07/99	.	.	.	.	3	58%	3	80%	.	.	.	.	3	77%	3	90%	3	77%	.	.
240030019	1	2	1	.	.	01/01/99	.	08/13/99	.	.	.	.	3	45%	3	57%	.	.	3	26%	3	33%	3	97%	3	87%	.	.
240031003	1	2	1	.	.	01/01/99	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	81%	3	70%	3	94%	3	80%	.	1
240032002	1	2	1	.	.	01/01/99	.	09/03/99	.	.	.	.	3	26%	3	47%	.	.	6	12%	3	73%	3	94%	3	73%	.	.
240032002	2	2	1	.	.	01/01/99	.	05/03/00	.	.	.	.	.	.	.	.	.	.	.	.	3	60%	3	97%	3	33%	.	.
240051007	1	2	1	.	.	01/01/99	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	68%	3	73%	3	87%	3	93%	.	1
240053001	1	2	1	.	.	01/01/99	.	08/04/99	.	.	.	.	3	42%	3	73%	.	.	1	23%	1	58%	1	80%	1	68%	.	1
240053001	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
240150003	1	2	1	.	.	01/01/99	.	12/11/99	.	.	.	.	.	.	3	20%	.	.	3	87%	3	80%	3	100%	3	90%	1	1
240251001	1	2	1	.	.	01/01/99	.	08/04/99	.	.	.	.	3	35%	3	97%	.	.	3	42%	3	67%	3	97%	3	87%	.	1
240313001	1	2	1	.	.	01/01/99	.	07/26/99	.	.	.	.	3	65%	3	100%	.	.	3	94%	3	77%	3	100%	3	67%	.	1
240330001	1	2	1	.	.	01/01/99	.	08/01/99	.	.	.	.	3	58%	3	53%	.	.	3	42%	3	90%	3	81%	3	63%	.	1
240330001	2	2	1	.	.	01/01/99	.	12/29/99	.	.	.	.	.	.	6	7%	.	.	.	.	3	67%	3	77%	3	87%	.	.
240338001	1	2	1	.	.	01/01/99	.	08/07/99	.	.	.	.	3	52%	3	97%	.	.	3	45%	3	87%	3	97%	3	60%	.	1
240430009	1	2	1	.	.	04/01/99	.	12/17/99	.	.	.	.	.	.	3	17%	.	.	3	94%	3	87%	3	94%	3	80%	1	1
245100006	1	2	1	.	.	01/01/99	.	07/26/99	.	.	.	.	3	65%	3	60%	.	.	3	48%	3	77%	3	84%	3	37%	.	1
245100007	1	2	1	.	.	01/01/99	.	07/29/99	.	.	.	.	3	35%	3	40%	.	.	3	48%	3	83%	3	65%	3	90%	.	1
245100007	5	2	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
245100035	1	2	1	.	.	01/01/99	.	10/21/99	.	.	.	.	.	.	3	72%	.	.	1	18%	1	24%	1	80%	1	63%	.	1
245100035	2	2	1	.	.	01/01/99	.	11/14/99	.	.	.	.	.	.	6	62%	.	.	3	68%	1	42%	3	97%	3	70%	.	1
245100035	5	2	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
245100040	1	2	1	.	.	01/01/99	.	06/17/99	.	.	3	3%	3	58%	3	87%	.	.	1	46%	1	62%	1	80%	1	72%	.	1
245100049	1	2	1	.	.	01/01/99	.	08/01/99	.	.	.	.	3	68%	3	43%	.	.	3	10%	3	43%	3	77%	3	80%	.	.
245100052	1	2	1	.	.	01/01/99	.	05/12/99	.	.	6	20%	3	65%	3	100%	.	.	1	22%	3	27%	3	94%	3	77%	.	.
245100052	5	2	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MASSACHUSETTS																												
250010003	1	4	.	.	.	06/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250035001	1	2	1	.	.	01/03/99	.	01/03/99	3	73%	3	87%	3	94%	3	83%	.	1	3	87%	3	97%	3	97%	3	67%	.	1
250052004	1	2	1	.	.	01/03/99	.	01/03/99	3	77%	3	100%	3	100%	3	93%	1	1	3	48%	3	97%	3	100%	3	33%	.	.
250053001	1	2	1	.	.	01/03/99	.	01/03/99	3	77%	3	100%	3	100%	3	93%	1	1	3	81%	3	90%	3	94%	3	97%	1	1
250092006	1	2	1	.	.	01/03/99	.	01/03/99	3	43%	3	97%	3	90%	3	97%	.	1	3	77%	3	93%	3	87%	3	47%	.	1
250095005	1	2	1	.	.	01/03/99	.	01/03/99	3	87%	3	93%	3	94%	3	70%	.	1	3	81%	3	100%	3	71%	3	83%	.	1
250096001	1	2	1	.	.	04/03/99	.	04/03/99	.	.	3	90%	3	69%	3	77%	.	.	3	16%	3	53%	3	87%	3	80%	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
250130008	1	2	1	.	.	01/01/99	.	01/01/99	1	57%	1	9%	1	37%	1	96%	.	.	1	85%	1	38%	1	60%	1	52%	.	1
250130008	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250130016	1	2	1	.	.	01/03/99	.	01/03/99	3	97%	3	100%	3	100%	3	93%	1	1	3	90%	3	100%	3	97%	3	97%	1	1
250130016	2	3	1	.	.	01/03/99	.	01/03/99	3	70%	3	100%	3	87%	3	73%	.	1	3	68%	3	100%	3	87%	3	47%	.	1
250132007	1	2	1	.	.	01/03/99	12/08/00	01/03/99	3	77%	3	93%	3	100%	3	93%	1	1	3	97%	3	97%	1	90%	1	64%	.	1
250154002	1	2	1	.	.	01/03/99	.	01/03/99	3	97%	3	97%	3	90%	3	90%	1	1	3	97%	3	93%	3	97%	3	80%	1	1
250170008	1	2	1	.	.	05/15/00	.	05/15/00	.	.	.	.	.	.	.	.	.	.	.	.	3	13%	3	45%	3	53%	.	.
250171102	1	2	1	.	.	01/03/99	.	01/03/99	3	77%	3	87%	3	87%	3	63%	.	1	3	84%	3	73%	3	42%	3	40%	.	1
250210007	1	2	1	.	.	01/03/99	.	01/03/99	3	83%	3	100%	3	97%	3	100%	1	1	3	100%	3	93%	3	13%	3	0%	.	.
250210007	2	3	1	.	.	01/03/99	.	01/03/99	3	7%	3	0%	3	32%	3	90%	.	.	3	90%	3	50%	3	0%	3	0%	.	.
250230004	1	2	1	.	.	01/03/99	.	01/03/99	3	83%	3	80%	3	100%	3	73%	.	1	3	19%	3	100%	3	97%	3	100%	.	.
250230004	2	3	1	.	.	01/03/99	.	01/03/99	3	63%	3	80%	3	90%	3	43%	.	1	3	13%	3	97%	3	77%	3	93%	.	.
250230004	3	2	1	.	.	04/06/00	.	04/06/00	.	.	.	.	.	.	.	.	.	.	.	.	3	57%	3	77%	3	80%	.	.
250250002	1	2	1	.	.	01/03/99	.	01/03/99	3	73%	3	93%	3	97%	3	97%	.	1	3	100%	3	90%	3	90%	3	23%	.	.
250250027	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	83%	3	97%	3	87%	1	1	3	58%	3	63%	1	55%	1	16%	.	1
250250027	2	3	1	.	.	01/01/99	.	01/03/99	3	37%	3	50%	3	84%	3	37%	.	1	3	19%	3	47%	3	35%	3	0%	.	.
250250042	1	2	1	.	.	03/20/99	.	03/20/99	1	13%	1	76%	1	62%	1	18%	.	1	1	65%	1	71%	1	91%	1	77%	.	1
250250042	3	3	.	.	1	04/01/99	03/28/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250250042	4	3	.	.	1	05/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250250042	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250250042	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250250042	7	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250250043	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	100%	3	90%	3	55%	3	43%	.	1
250270016	1	2	1	.	.	01/22/00	.	01/22/00	.	.	.	.	.	.	.	.	.	.	3	68%	3	97%	3	87%	3	90%	.	1
250270020	1	2	1	.	.	01/03/99	.	01/03/99	3	90%	3	97%	3	100%	3	93%	1	1	3	87%	3	100%	3	100%	3	97%	1	1
250270020	2	3	1	.	.	01/03/99	.	01/03/99	3	80%	3	90%	3	90%	3	83%	1	1	3	61%	3	80%	3	71%	3	67%	.	1
250272004	1	2	1	.	.	01/03/99	.	01/03/99	3	80%	3	73%	3	84%	3	90%	.	1	3	87%	3	70%	3	55%	3	77%	.	1
MICHIGAN																												
260050003	1	2	1	.	.	10/31/98	.	01/03/99	1	77%	1	84%	1	99%	1	98%	1	1	1	100%	1	95%	1	95%	1	91%	1	1
260050003	2	2	.	.	.	10/31/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260070005	1	2	1	.	.	03/23/00	.	03/25/00	.	.	.	.	.	.	.	.	.	.	3	10%	3	77%	3	84%	3	87%	.	.
260170014	1	2	1	.	.	08/24/00	.	08/25/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	42%	3	87%	.	.
260210014	1	2	1	.	.	11/07/98	.	01/03/99	3	90%	3	100%	3	97%	3	97%	1	1	3	100%	3	100%	3	100%	3	100%	1	1
260210014	2	2	.	.	.	11/07/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260330901	1	A	.	.	.	01/31/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260330902	1	A	.	.	.	01/31/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260490021	1	2	1	.	.	12/16/98	.	01/03/99	3	70%	3	77%	3	100%	3	83%	.	1	3	94%	3	77%	3	94%	3	100%	1	1
260490021	2	2	.	.	.	12/16/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260550003	1	2	1	.	.	12/14/99	.	12/14/99	.	.	.	.	.	.	3	20%	.	.	3	77%	3	83%	3	77%	3	30%	.	.
260650012	1	2	1	.	.	11/07/98	.	02/06/99	1	28%	3	63%	3	90%	3	100%	.	1	3	94%	3	83%	3	84%	3	83%	1	1
260650012	2	2	1	.	.	11/07/98	.	01/15/99	1	50%	3	80%	3	84%	3	97%	.	1	3	97%	3	80%	3	94%	6	100%	1	1
260650012	5	2	.	.	1	12/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260770008	1	2	1	.	.	11/19/98	.	01/03/99	3	77%	3	70%	3	65%	3	97%	.	1	3	81%	3	93%	3	97%	3	93%	1	1
260770008	2	2	1	.	.	11/19/98	.	01/27/99	3	53%	3	87%	3	87%	3	97%	.	1	3	90%	3	93%	3	97%	3	97%	1	1
260770008	3	2	.	.	1	08/17/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260810020	1	2	1	.	.	10/23/98	.	01/02/99	1	92%	1	96%	1	93%	1	95%	1	1	1	97%	1	97%	1	97%	1	96%	1	1
260810020	2	2	1	.	.	10/23/98	.	01/03/99	3	81%	6	67%	6	100%	6	100%	.	.	6	100%	6	100%	6	87%	6	87%	1	1
260810020	3	2	.	.	1	11/04/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
260990009	1	2	1	.	.	12/22/98	.	01/03/99	3	83%	3	73%	3	100%	3	90%	.	1	3	94%	3	97%	3	97%	3	83%	1	1
260990009	2	2	.	.	.	12/22/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
261150005	1	2	1	.	.	12/17/99	.	12/17/99	.	.	.	.	.	.	3	17%	.	.	3	97%	3	97%	3	91%	3	97%	1	1
261210040	1	2	1	.	.	12/18/98	.	01/08/99	1	74%	3	94%	3	65%	3	80%	.	1	3	97%	3	93%	3	94%	3	100%	1	1
261210040	2	2	1	.	.	12/18/98	.	02/14/99	3	57%	6	87%	6	67%	6	93%	.	.	6	100%	6	93%	6	100%	6	93%	1	1
261250001	1	2	1	.	.	12/25/98	.	01/03/99	3	81%	3	60%	3	81%	3	87%	.	1	3	77%	3	93%	3	58%	3	67%	.	1
261250001	2	2	.	.	.	12/25/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261390005	1	2	1	.	.	11/07/98	.	01/03/99	3	93%	3	100%	3	94%	3	97%	1	1	3	97%	3	93%	3	100%	3	100%	1	1
261390005	2	2	.	.	.	11/07/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261450018	1	2	1	.	.	02/23/99	.	03/04/99	3	30%	3	67%	3	87%	3	60%	.	.	3	71%	3	73%	3	94%	3	73%	.	1
261450018	2	2	1	.	.	02/23/99	.	02/23/99	3	40%	3	73%	3	68%	3	50%	.	1	3	35%	3	70%	3	97%	6	93%	.	1
261450018	3	2	.	.	1	12/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261470005	1	3	1	.	.	01/03/99	.	01/03/99	3	80%	3	83%	3	90%	3	90%	1	1	3	68%	3	87%	3	94%	3	87%	.	1
261470005	2	2	.	.	.	01/03/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261610005	1	2	1	.	.	03/28/99	.	06/26/99	.	.	6	13%	3	94%	3	90%	.	.	3	84%	3	50%	3	84%	3	97%	.	1
261610005	2	2	.	.	.	03/28/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261610008	1	2	1	.	.	08/04/99	.	08/07/99	.	.	.	.	3	58%	3	93%	.	.	3	42%	3	93%	3	100%	3	100%	.	1
261610008	2	2	.	.	.	08/04/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261610008	3	2	.	.	1	02/24/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261630001	1	2	1	.	.	05/12/99	.	05/12/99	.	.	1	53%	1	85%	1	90%	.	.	1	89%	1	95%	1	95%	1	92%	1	1
261630001	2	2	1	.	.	05/12/99	.	05/12/99	.	.	6	40%	6	87%	6	80%	.	.	6	81%	6	80%	6	93%	6	100%	1	1
261630001	5	T	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261630015	1	2	1	.	.	02/26/99	.	02/26/99	3	30%	3	90%	3	81%	3	83%	.	.	3	97%	3	93%	3	100%	3	100%	1	1
261630015	2	2	.	.	.	02/26/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261630016	1	2	1	.	.	05/12/99	.	05/12/99	.	.	1	31%	1	86%	1	89%	.	.	1	91%	1	81%	1	85%	1	98%	1	1
261630016	2	2	.	.	.	05/12/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261630019	1	2	1	.	.	04/30/00	.	04/30/00	.	.	.	.	.	.	.	.	.	.	.	.	3	57%	3	75%	3	97%	.	.
261630019	5	2	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261630025	1	2	1	.	.	08/22/99	.	08/22/99	.	.	.	.	3	47%	3	61%	.	.	3	94%	3	90%	3	97%	3	83%	1	1
261630033	1	2	1	.	.	02/05/99	.	02/05/99	3	30%	3	87%	3	90%	3	97%	.	.	3	94%	3	77%	3	87%	3	97%	1	1
261630033	2	2	.	.	.	02/05/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261630033	5	2	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
261630036	1	2	1	.	.	02/20/99	.	02/20/99	3	27%	3	57%	3	84%	3	68%	.	.	3	52%	3	93%	3	94%	3	100%	.	1
261630036	2	2	.	.	.	02/20/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MINNESOTA																												
270353202	1	3	1	.	.	10/03/00	.	10/17/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	40%	.	.
270370470	1	3	1	.	.	10/03/00	.	10/06/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	67%	.	.
270376018	1	2	1	.	.	04/24/99	.	04/24/99	.	.	6	80%	6	80%	6	93%	.	.	3	71%	3	80%	3	77%	3	80%	.	1
270412110	1	3	1	.	.	10/03/00	.	10/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	73%	.	.
270475401	1	3	1	.	.	10/01/99	.	11/08/99	.	.	.	.	.	.	6	60%	.	.	6	94%	6	73%	6	33%	6	40%	.	.
270530960	1	2	1	.	.	04/21/99	01/02/01	04/21/99	.	.	1	43%	1	32%	1	38%	.	.	1	48%	1	57%	1	57%	1	50%	.	1
270530960	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
270530961	1	2	1	.	.	04/12/99	.	04/12/99	.	.	6	87%	6	80%	6	100%	.	.	3	77%	3	60%	3	87%	3	90%	.	1
270530963	1	2	.	.	.	01/07/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
270531007	1	2	1	.	.	04/24/99	.	04/24/99	.	.	6	80%	6	100%	6	93%	.	.	3	29%	3	50%	3	74%	3	77%	.	.
270532006	1	2	1	.	.	04/24/99	.	04/24/99	.	.	6	73%	6	93%	6	60%	.	.	3	84%	3	43%	3	74%	3	93%	.	1
270611105	1	3	1	.	.	10/03/00	.	10/27/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	67%	.	.
270674110	1	3	1	.	.	10/03/00	.	11/08/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	40%	.	.
270757608	1	3	1	.	.	10/01/99	09/28/00	11/08/99	.	.	.	.	.	.	6	44%	.	.	6	69%	6	20%	6	40%	.	.	.	.
270854301	1	3	1	.	.	10/01/99	09/28/00	11/08/99	.	.	.	.	.	.	6	33%	.	.	6	44%	6	67%	6	87%	.	.	.	.
270854301	2	3	1	.	.	03/01/00	.	03/01/00	.	.	.	.	.	.	.	.	.	.	6	25%	6	53%	6	87%	.	.	.	.
270953051	1	2	1	.	.	12/06/99	.	12/08/99	.	.	.	.	.	.	6	27%	.	.	3	84%	3	47%	3	97%	3	80%	.	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

STATE / SITE	POC	MT	Data in AIRS? FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	1999 Information Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	2000 Information Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
271035109	1	3	1	.	.	10/03/00	.	10/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	80%	.	.
271095008	1	2	1	.	.	01/07/00	.	01/07/00	.	.	.	.	.	.	.	.	.	.	3	77%	3	67%	3	97%	3	55%	.	1
271112012	1	3	1	.	.	11/14/99	09/28/00	11/14/99	.	.	.	.	.	.	6	53%	.	.	6	94%	6	73%	6	53%	.	.	.	.
271230021	1	3	1	.	.	04/21/99	.	04/21/99	.	.	1	47%	1	32%	1	34%	.	.	.	.	.	.	.	.	.	.	.	.
271230866	1	2	1	.	.	04/01/99	.	04/03/99	.	.	6	100%	6	100%	6	75%	.	.	3	100%	3	70%	3	52%	3	87%	.	1
271230866	2	2	1	.	.	07/12/99	.	07/17/99	.	.	.	.	6	87%	6	100%	.	.	6	88%	6	67%	6	87%	6	80%	.	.
271230868	1	2	1	.	.	03/31/99	.	03/31/99	6	7%	6	94%	6	93%	6	88%	.	.	3	90%	3	60%	3	61%	3	30%	.	.
271230868	2	2	1	.	.	06/18/99	.	07/17/99	.	.	.	.	6	73%	6	80%	.	.	6	94%	6	47%	6	93%	3	57%	.	.
271230871	1	2	1	.	.	04/24/99	.	04/24/99	.	.	6	80%	6	87%	6	93%	.	.	1	46%	1	38%	1	60%	1	63%	.	1
271230872	1	2	1	.	.	04/12/99	.	04/12/99	.	.	6	93%	6	87%	6	100%	.	.	3	90%	3	50%	3	74%	3	83%	.	1
271230873	1	3	1	.	.	04/21/99	.	04/21/99	.	.	1	48%	1	25%	1	32%	.	.	.	.	.	.	.	.	.	.	.	.
271377001	1	2	1	.	.	05/30/99	.	05/30/99	.	.	6	40%	6	87%	6	60%	.	.	3	61%	3	57%	3	58%	3	60%	.	1
271377550	1	2	1	.	.	05/06/99	.	05/06/99	.	.	6	60%	6	73%	6	80%	.	.	3	77%	3	53%	3	97%	3	87%	.	1
271377550	2	2	1	.	.	06/05/99	.	06/05/99	.	.	6	33%	6	100%	6	87%	.	.	6	100%	6	73%	6	93%	6	73%	1	1
271377551	1	2	1	.	.	01/01/00	.	01/19/00	.	.	.	.	.	.	.	.	.	.	3	61%	3	57%	3	87%	3	80%	.	1
271390505	1	2	1	.	.	01/01/00	.	01/07/00	.	.	.	.	.	.	.	.	.	.	3	81%	3	63%	3	71%	3	63%	.	1
271453052	1	2	1	.	.	12/20/99	.	12/20/99	.	.	.	.	.	.	6	13%	.	.	3	97%	3	33%	3	65%	3	80%	.	.
271630301	1	3	1	.	.	10/01/99	09/28/00	11/26/99	.	.	.	.	.	.	6	40%	.	.	6	100%	6	60%	6	80%	.	.	.	.
271713201	1	3	1	.	.	10/01/99	09/28/00	11/26/99	.	.	.	.	.	.	6	40%	.	.	6	100%	6	73%	6	73%	.	.	.	.
MISSISSIPPI																												
280010004	1	2	1	.	.	03/10/99	.	03/10/99	3	23%	3	70%	3	100%	3	100%	.	.	3	100%	3	97%	3	94%	3	97%	1	1
280110001	1	2	1	.	.	05/21/99	.	05/21/99	.	.	3	43%	3	100%	3	93%	.	.	3	100%	3	100%	3	100%	3	97%	1	1
280330002	1	2	1	.	.	02/14/99	.	02/14/99	3	53%	3	97%	3	100%	3	93%	.	1	3	94%	3	100%	3	100%	3	100%	1	1
280350004	1	2	1	.	.	03/07/99	.	03/07/99	3	30%	3	93%	3	100%	3	100%	.	.	3	100%	3	100%	3	97%	3	93%	1	1
280450001	1	3	1	.	.	02/14/99	.	02/14/99	3	53%	3	93%	3	97%	3	97%	.	1	3	100%	3	100%	3	94%	3	93%	1	1
280470008	1	2	1	.	.	04/03/99	.	04/03/99	.	.	3	93%	3	100%	3	93%	.	.	3	100%	3	100%	3	97%	3	83%	1	1
280470008	3	2	.	.	1	10/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
280470008	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
280490010	1	2	1	.	.	02/14/99	.	02/14/99	3	50%	3	87%	3	90%	3	97%	.	1	3	100%	3	97%	3	97%	3	93%	1	1
280490018	1	2	1	.	.	02/14/99	.	02/14/99	3	53%	3	97%	3	90%	3	87%	.	1	3	100%	3	100%	3	97%	3	87%	1	1
280590006	1	2	1	.	.	02/14/99	.	02/14/99	3	53%	3	100%	3	100%	3	100%	.	1	3	97%	3	100%	3	100%	3	90%	1	1
280670002	1	2	1	.	.	03/07/99	.	03/07/99	3	30%	3	100%	3	97%	3	93%	.	.	3	100%	3	100%	3	97%	3	90%	1	1
280750003	1	2	1	.	.	04/03/99	.	04/03/99	.	.	3	87%	3	94%	3	93%	.	.	3	94%	3	100%	3	87%	3	100%	1	1
280810005	1	2	1	.	.	02/14/99	.	02/14/99	3	50%	3	97%	3	97%	3	93%	.	1	3	100%	3	97%	3	100%	3	100%	1	1
280870001	1	2	1	.	.	03/07/99	.	03/07/99	3	27%	3	100%	3	94%	3	100%	.	.	3	100%	3	90%	3	100%	3	93%	1	1
281090001	1	2	1	.	.	04/06/00	.	04/06/00	.	.	.	.	.	.	.	.	.	.	.	.	3	80%	3	97%	3	80%	.	.
281210001	1	2	1	.	.	03/07/99	.	03/07/99	3	30%	3	100%	3	100%	3	97%	.	.	3	94%	3	73%	3	74%	3	97%	.	1
281230001	1	2	1	.	.	08/22/99	.	08/22/99	.	.	.	.	3	45%	3	93%	.	.	3	100%	3	97%	3	94%	3	97%	1	1
281490004	1	2	1	.	.	03/07/99	.	03/07/99	3	27%	3	93%	3	97%	3	93%	.	.	3	87%	3	83%	3	94%	3	80%	1	1
MISSOURI																												
290210010	1	2	1	.	.	12/15/98	.	01/03/99	3	83%	3	97%	3	100%	3	100%	1	1	3	100%	3	100%	3	100%	3	100%	1	1
290370003	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	81%	3	93%	3	97%	3	97%	1	1
290390001	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	87%	3	90%	3	90%	1	1	3	97%	3	93%	3	97%	3	100%	1	1
290470005	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	3	97%	3	84%	3	97%	1	1	3	97%	3	90%	3	100%	3	93%	1	1
290470026	1	2	1	.	.	01/01/99	.	01/01/99	1	68%	1	92%	1	93%	1	92%	.	1	1	99%	1	98%	1	100%	1	98%	1	1
290470041	1	2	1	.	.	01/01/99	.	01/02/99	1	82%	1	73%	1	97%	1	92%	.	1	1	96%	1	93%	1	90%	1	93%	1	1
290770032	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	100%	3	100%	3	100%	1	1	3	100%	3	100%	3	100%	3	100%	1	1
290910003	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	87%	3	87%	3	90%	1	1	3	97%	3	100%	3	100%	3	100%	1	1
290950036	1	2	1	.	.	01/03/99	03/12/00	01/03/99	3	80%	3	90%	3	94%	3	100%	1	1	.	.	.	.	.	.	.	.	.	.
290950037	1	2	1	.	.	04/01/00	.	04/03/00	.	.	.	.	.	.	.	.	.	.	.	.	3	100%	3	97%	3	100%	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
290952002	1	2	1	.	.	01/03/99	.	01/03/99	3	80%	3	100%	3	100%	3	100%	1	1	3	100%	3	100%	3	97%	3	97%	1	1
290970003	1	3	1	.	.	01/01/99	.	01/03/99	3	80%	3	97%	3	87%	3	93%	1	1	3	100%	3	100%	3	94%	3	100%	1	1
290990012	1	2	1	.	.	01/01/99	.	01/03/99	3	81%	3	93%	3	97%	3	97%	1	1	3	100%	3	97%	3	97%	3	100%	1	1
290990012	5	2	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
291370001	1	3	1	.	.	01/01/99	.	02/05/99	3	53%	3	93%	3	100%	3	100%	.	1	3	100%	3	100%	3	100%	3	87%	1	1
291831002	1	2	1	.	.	01/01/99	.	01/06/99	3	80%	3	90%	3	100%	3	97%	1	1	3	97%	3	100%	3	100%	3	97%	1	1
291860006	1	2	1	.	.	01/01/99	.	01/08/99	3	87%	3	93%	3	94%	3	100%	1	1	3	100%	3	97%	3	100%	3	97%	1	1
291892003	1	2	1	.	.	01/01/99	.	01/03/99	3	63%	3	97%	3	100%	3	100%	.	1	3	97%	3	100%	3	100%	3	93%	1	1
291895001	1	2	1	.	.	01/01/99	.	01/03/99	3	87%	3	90%	3	97%	3	100%	1	1	3	94%	3	100%	3	97%	3	100%	1	1
295100007	1	2	1	.	.	01/01/99	.	03/24/00	.	.	.	.	.	.	.	.	.	.	1	8%	1	91%	1	100%	1	96%	.	.
295100085	1	2	1	.	.	03/30/99	.	04/01/99	.	.	1	93%	1	97%	1	99%	.	.	1	100%	1	100%	1	100%	1	98%	1	1
295100085	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
295100085	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
295100086	1	2	1	.	.	01/01/99	.	01/01/99	1	84%	1	97%	1	98%	1	93%	1	1	1	91%	1	93%	1	90%	1	99%	1	1
295100087	1	3	1	.	.	11/06/99	.	11/06/99	.	.	.	.	.	.	1	60%	.	.	1	91%	1	100%	1	100%	1	95%	1	1
MONTANA																												
300131026	1	2	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
300290039	1	2	1	.	.	01/01/99	.	01/03/99	3	40%	3	97%	3	71%	3	93%	.	1	.	.	.	.	.	.	.	.	.	.
300290043	1	2	1	.	.	01/01/99	06/24/99	01/03/99	3	73%	3	93%	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
300290047	1	2	1	.	.	06/26/99	.	06/26/99	.	.	3	7%	3	74%	3	97%	.	.	.	.	.	.	.	.	.	.	.	.
300310008	1	3	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
300470013	1	A	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	100%	3	97%	3	94%	3	93%	1	1
300470028	1	A	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	90%	3	97%	3	97%	3	97%	1	1
300470028	2	A	1	.	.	01/01/00	.	03/13/00	.	.	.	.	.	.	.	.	.	.	6	13%	.	.	.	.	.	.	.	.
300490018	1	3	1	.	.	01/01/99	.	01/03/99	3	73%	3	87%	3	81%	3	93%	.	1	.	.	.	.	.	.	.	.	.	.
300530018	1	2	1	.	.	01/01/99	.	01/03/99	3	50%	3	70%	3	72%	3	93%	.	1	.	.	.	.	.	.	.	.	.	.
300630024	1	2	1	.	.	01/01/99	.	01/03/99	3	63%	3	100%	3	84%	3	93%	.	1	.	.	.	.	.	.	.	.	.	.
300630024	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
300630031	1	3	1	.	.	01/01/99	.	01/03/99	3	60%	3	87%	3	55%	3	97%	.	1	.	.	.	.	.	.	.	.	.	.
300810001	1	2	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
300870307	1	A	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	81%	3	83%	3	97%	.	.	.	.
300890007	1	3	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
300930005	1	3	1	.	.	02/11/99	.	02/11/99	3	47%	3	100%	3	90%	3	93%	.	1	.	.	.	.	.	.	.	.	.	.
301111065	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	3	87%	3	94%	3	100%	1	1	.	.	.	.	.	.	.	.	.	.
NEBRASKA																												
310250002	1	2	1	.	.	03/01/99	.	03/04/99	3	33%	3	90%	3	81%	3	87%	.	.	3	68%	3	80%	3	84%	3	80%	.	1
310270001	1	2	1	.	.	09/21/99	.	09/21/99	.	.	.	.	3	13%	.	.	.	.	3	68%	3	90%	3	94%	3	90%	.	1
310310001	1	2	1	.	.	08/04/99	.	08/04/99	.	.	.	.	3	58%	3	87%	.	.	3	65%	3	77%	3	90%	3	93%	.	1
310490001	1	2	1	.	.	08/04/99	.	08/04/99	.	.	.	.	3	65%	3	77%	.	.	3	55%	3	73%	3	74%	3	73%	.	1
310550019	1	2	1	.	.	01/01/99	.	02/06/99	1	6%	1	19%	1	42%	1	46%	.	.	1	88%	1	84%	1	87%	1	79%	1	1
310550019	2	2	1	.	.	01/01/99	.	08/28/99	.	.	.	.	6	38%	.	.	.	.	6	44%	6	67%	6	93%	6	73%	.	.
310550051	1	2	1	.	.	01/01/99	.	02/02/99	3	17%	3	20%	3	42%	3	70%	.	.	3	74%	3	87%	3	77%	3	93%	.	1
310550052	1	2	1	.	.	01/01/99	.	06/10/99	.	.	1	0%	1	36%	6	80%	.	.	1	78%	1	78%	1	62%	1	64%	.	1
310550052	2	2	1	.	.	01/01/99	.	02/04/99	1	4%	3	3%	6	33%	.	.	.	.	6	88%	6	40%	6	47%	6	40%	.	.
310790003	1	2	1	.	.	03/01/99	.	03/07/99	3	20%	3	77%	3	61%	3	83%	.	.	3	74%	3	97%	3	90%	3	93%	.	1
311090022	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	97%	3	90%	3	90%	1	1	3	97%	3	97%	3	77%	3	83%	1	1
311090022	2	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	93%	6	87%	6	73%	1	1	6	75%	6	67%	6	87%	6	73%	.	.
311111002	1	2	1	.	.	03/01/99	.	03/01/99	6	20%	3	70%	3	94%	3	100%	.	.	3	61%	3	97%	3	87%	3	100%	.	1
311530007	1	2	1	.	.	03/01/99	.	03/04/99	3	20%	3	63%	3	87%	3	87%	.	.	3	32%	3	81%	3	71%	3	80%	.	.
311530007	2	2	1	.	.	03/01/99	.	03/01/99	6	33%	6	80%	6	93%	6	87%	.	.	6	25%	6	69%	6	53%	6	100%	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

STATE / SITE	POC	MT	Data in AIRS? FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	1999 Information Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	2000 Information Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
311570003	1	2	1	.	.	03/01/99	.	03/13/99	6	19%	3	67%	3	74%	3	90%	.	.	3	71%	3	83%	3	84%	3	77%	.	1
311770002	1	2	1	.	.	04/06/99	.	04/06/99	.	.	3	50%	3	65%	3	88%	.	.	3	61%	3	81%	3	81%	3	73%	.	1
NEVADA																												
320030022	1	2	1	.	.	01/01/99	.	01/03/99	3	100%	3	100%	3	97%	3	100%	1	1	3	90%	6	93%	6	100%	6	100%	1	1
320030298	1	2	1	.	.	01/01/00	.	10/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	100%	.	.
320030560	1	2	1	.	.	01/01/99	.	01/14/99	1	72%	1	90%	1	96%	1	97%	.	1	1	93%	1	97%	1	96%	1	98%	1	1
320030560	2	2	1	.	.	01/01/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	100%	6	100%	6	100%	6	100%	1	1
320031019	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	3	30%	3	94%	3	90%	.	.	3	97%	3	97%	3	90%	3	93%	1	1
320032002	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	10%	3	90%	3	93%	.	.	3	100%	3	100%	3	100%	3	97%	1	1
320050008	1	2	1	.	.	12/23/99	.	12/23/99	.	.	.	.	.	.	3	10%	.	.	3	97%	3	94%	3	97%	3	30%	.	.
320310016	1	2	1	.	.	01/01/99	.	01/03/99	3	100%	3	100%	3	100%	3	100%	1	1	3	100%	3	100%	3	97%	.	.	.	.
320310016	2	2	1	.	.	01/01/99	.	01/06/99	6	100%	6	100%	6	94%	6	100%	1	1	6	100%	6	95%	6	100%	.	.	.	.
320310016	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
320312002	1	2	1	.	.	06/05/99	.	06/05/99	.	.	3	23%	3	87%	3	100%	.	.	3	94%	3	97%	3	100%	3	33%	.	.
NEW HAMPSHIRE																												
330012003	1	2	1	.	.	01/01/99	04/30/00	01/06/99	6	93%	6	93%	6	100%	6	40%	.	.	6	94%	6	0%	.	.	.	.	.	.
330012003	2	2	.	.	.	01/01/99	04/30/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
330050007	1	2	1	.	.	01/01/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	100%	6	67%	.	.	.	.	.	.
330070014	1	2	1	.	.	01/01/99	.	01/06/99	3	90%	3	73%	3	84%	3	80%	.	1	3	32%	3	53%	.	.	.	.	.	.
330070014	2	3	1	.	.	01/01/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	50%	6	40%	.	.	.	.	.	.
330110019	1	2	1	.	.	07/15/99	.	08/04/99	.	.	.	.	3	61%	3	57%	.	.	3	81%	3	53%	.	.	.	.	.	.
330110019	2	3	1	.	.	07/15/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	75%	6	53%	.	.	.	.	.	.
330111007	1	2	1	.	.	01/01/99	.	01/03/99	3	50%	3	97%	3	74%	3	93%	.	1	3	84%	3	53%	.	.	.	.	.	.
330130003	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	3	90%	3	81%	3	80%	1	1	3	87%	3	43%	.	.	.	.	.	.
330135001	1	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	87%	6	93%	6	93%	1	1	6	75%	6	33%	.	.	.	.	.	.
330150009	1	2	1	.	.	01/01/99	.	01/03/99	3	37%	.	.	3	71%	3	63%	.	.	3	71%	3	40%	.	.	.	.	.	.
330190003	1	2	1	.	.	01/01/99	.	01/06/99	6	47%	6	80%	6	100%	6	93%	.	.	6	81%	6	33%	.	.	.	.	.	.
NEW JERSEY																												
340030003	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	97%	3	100%	3	93%	1	1	3	94%	.	.	.	.	.	.	.	.
340030004	3	2	.	.	1	06/12/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
340070003	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	3	100%	3	97%	3	90%	1	1	3	94%	.	.	.	.	.	.	.	.
340070003	2	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	100%	6	87%	6	80%	1	1	6	100%	.	.	.	.	.	.	.	.
340070003	3	2	.	.	1	05/30/97	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
340071007	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	90%	3	97%	3	87%	1	1	3	94%	.	.	.	.	.	.	.	.
340130011	1	2	1	.	.	01/01/99	.	01/03/99	3	67%	3	77%	3	77%	3	33%	.	.	.	.	.	.	.	.	.	.	.	.
340130011	3	2	.	.	1	05/30/97	11/05/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
340130015	1	2	1	.	.	04/21/99	.	04/21/99	.	.	3	60%	3	61%	3	70%	.	.	3	100%	.	.	.	.	.	.	.	.
340155001	1	2	1	.	.	09/03/99	.	09/03/99	.	.	.	.	3	32%	3	97%	.	.	3	81%	.	.	.	.	.	.	.	.
340171003	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	83%	3	74%	3	97%	.	1	3	74%	.	.	.	.	.	.	.	.
340171003	2	2	1	.	.	12/08/99	.	12/08/99	.	.	.	.	.	.	6	27%	.	.	6	75%	.	.	.	.	.	.	.	.
340172002	1	2	1	.	.	01/01/99	.	01/03/99	3	37%	3	0%	3	58%	3	60%	.	.	3	90%	.	.	.	.	.	.	.	.
340210008	1	2	1	.	.	01/01/99	.	01/03/99	3	93%	3	100%	3	97%	3	100%	1	1	3	97%	.	.	.	.	.	.	.	.
340218001	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	94%	3	87%	3	90%	1	1	3	97%	.	.	.	.	.	.	.	.
340230006	1	2	1	.	.	01/01/99	.	01/03/99	3	73%	3	93%	3	97%	3	77%	.	1	3	97%	.	.	.	.	.	.	.	.
340230006	3	2	.	.	1	11/25/97	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
340230006	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
340230006	6	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
340270004	1	2	1	.	.	05/30/99	.	05/30/99	.	.	3	37%	3	94%	3	93%	.	.	3	94%	.	.	.	.	.	.	.	.
340273001	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	87%	3	87%	3	93%	1	1	3	100%	.	.	.	.	.	.	.	.
340292002	1	2	1	.	.	02/11/99	.	02/14/99	3	37%	3	63%	3	77%	3	68%	.	1	3	71%	.	.	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
340310005	1	2	1	.	.	01/01/99	.	01/03/99	3	53%	3	87%	3	84%	3	83%	.	1	3	55%	.	.	.	.	.	.	.	.
340390004	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	93%	3	97%	3	97%	1	1	3	82%	.	.	.	.	.	.	.	.
340390004	2	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	33%	6	100%	6	100%	.	.	6	100%	.	.	.	.	.	.	.	.
340390004	3	2	.	.	1	05/30/97	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
340390006	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	100%	3	94%	3	67%	.	1	3	90%	.	.	.	.	.	.	.	.
340392003	1	2	1	.	.	12/11/99	.	12/17/99	.	.	.	.	.	.	3	17%	.	.	3	97%	.	.	.	.	.	.	.	.
340410006	1	2	1	.	.	08/10/99	.	08/19/99	.	.	.	.	3	45%	3	33%	.	.	3	87%	.	.	.	.	.	.	.	.
NEW MEXICO																												
350010023	1	2	1	.	.	03/03/99	.	03/03/99	1	27%	1	88%	1	90%	1	98%	.	1	1	88%	1	99%	1	89%	1	96%	1	1
350010023	2	2	1	.	.	01/05/00	.	01/05/00	.	.	.	.	.	.	.	.	.	.	1	84%	1	90%	1	80%	1	83%	1	1
350010024	1	2	1	.	.	02/03/99	.	02/03/99	1	49%	1	93%	1	92%	1	91%	.	1	1	87%	1	96%	1	80%	1	89%	1	1
350010027	1	2	.	.	.	06/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350010027	3	3	.	.	1	06/02/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350011013	3	3	.	.	1	06/02/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350019004	1	A	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350050005	1	3	1	.	.	01/01/99	.	01/15/99	3	43%	3	88%	3	94%	3	94%	.	1	3	85%	3	83%	3	92%	3	90%	1	1
350130016	1	3	.	.	1	04/29/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350130017	1	3	1	.	.	01/01/99	.	01/09/99	3	60%	3	94%	3	97%	3	94%	.	1	3	100%	3	97%	3	89%	3	97%	1	1
350130021	1	3	.	.	1	10/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350130022	1	3	.	.	1	10/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350131006	1	3	1	.	.	01/01/99	.	01/15/99	3	71%	3	91%	3	89%	3	97%	.	1	3	97%	3	94%	3	95%	3	87%	1	1
350151005	1	3	.	.	1	01/27/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350171002	1	3	1	.	.	01/01/99	.	01/06/99	3	67%	3	79%	3	84%	1	34%	.	1	3	90%	1	34%	1	35%	3	84%	.	1
350250007	1	3	1	.	.	01/01/99	.	01/21/99	3	63%	3	82%	3	86%	3	89%	.	1	3	91%	3	82%	3	97%	3	93%	1	1
350431003	1	3	1	.	.	01/01/99	.	01/06/99	3	67%	3	91%	3	94%	3	89%	.	1	3	95%	3	92%	3	97%	3	90%	1	1
350439001	1	A	.	.	.	09/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350439001	2	A	.	.	.	09/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350439003	1	A	.	.	.	09/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350439004	1	A	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	100%	3	90%	3	84%	3	93%	1	1
350439004	2	A	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	100%	6	13%	3	16%	.	.	.	.
350450006	1	3	1	.	.	01/01/99	.	01/15/99	3	70%	3	94%	3	54%	3	94%	.	1	3	97%	3	97%	3	94%	3	90%	1	1
350490020	1	3	1	.	.	01/01/99	.	01/06/99	3	87%	3	91%	3	88%	3	97%	1	1	3	100%	3	98%	3	100%	3	97%	1	1
350499002	1	A	.	.	.	09/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
350550005	1	3	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
NEW YORK																												
360010005	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	52%	3	87%	.	.	3	90%	3	100%	3	100%	3	93%	1	1
360010005	2	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	26%	3	27%	.	.	3	65%	3	80%	3	94%	3	93%	.	1
360010012	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	19%	3	73%	.	.	3	61%	3	90%	3	84%	3	93%	.	1
360050013	3	2	.	.	1	03/17/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360050073	1	2	1	.	.	01/01/99	07/15/99	07/01/99	.	.	.	.	1	12%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360050073	2	2	1	.	.	01/01/99	07/15/99	07/02/99	.	.	.	.	3	13%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360050080	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	52%	3	60%	.	.	3	81%	3	90%	3	97%	3	100%	1	1
360050080	5	2	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360050083	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	48%	3	73%	.	.	3	68%	3	97%	3	94%	3	97%	.	1
360050083	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360050083	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360050083	7	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360050110	1	2	1	.	.	09/15/99	.	09/15/99	.	.	.	.	1	3%	1	78%	.	.	1	77%	1	96%	1	99%	1	98%	1	1
360050110	2	2	1	.	.	09/15/99	.	09/15/99	.	.	.	.	3	10%	3	60%	.	.	3	81%	3	90%	3	100%	3	100%	1	1
360050110	3	2	.	.	1	09/07/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
360050112	3	2	.	.	1	02/25/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360050113	3	2	.	.	1	03/17/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360070009	1	2	1	.	.	02/01/00	.	02/09/00	.	.	.	.	.	.	.	.	.	.	3	55%	3	97%	3	94%	3	87%	.	1
360130011	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	55%	3	77%	.	.	3	77%	3	73%	3	87%	3	70%	.	1
360271004	1	2	1	.	.	07/01/99	.	07/02/99	.	.	.	.	3	74%	3	73%	.	.	3	90%	3	93%	3	94%	3	80%	1	1
360290002	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	77%	3	83%	.	.	3	81%	3	83%	3	97%	3	93%	1	1
360290005	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	74%	3	83%	.	.	3	74%	3	83%	3	94%	3	67%	.	1
360290005	3	2	.	.	1	03/20/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360291007	1	2	1	.	.	12/15/99	.	12/17/99	.	.	.	.	.	.	3	17%	.	.	3	94%	3	87%	3	90%	3	77%	1	1
360310003	1	2	1	.	.	07/01/99	.	07/02/99	.	.	.	.	1	48%	1	65%	.	.	1	88%	1	73%	1	97%	1	93%	.	1
360310003	3	2	.	.	1	11/25/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360310003	5	2	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360470011	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	58%	3	73%	.	.	3	55%	3	83%	3	94%	3	90%	.	1
360470011	2	2	1	.	.	01/01/99	07/31/99	07/02/99	.	.	.	.	3	3%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360470052	1	2	1	.	.	12/15/99	.	04/15/00	.	.	.	.	.	.	.	.	.	.	.	.	3	80%	3	97%	3	97%	.	.
360470076	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	42%	3	57%	.	.	3	84%	3	90%	3	94%	3	100%	1	1
360470118	1	2	.	.	.	12/31/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360470118	3	2	.	.	1	02/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360470121	1	2	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360470122	1	2	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360551004	1	2	.	.	.	01/01/99	02/28/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360552002	1	2	1	.	.	12/15/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	65%	3	83%	3	77%	3	90%	.	1
360556001	1	2	1	.	.	01/01/99	.	08/31/99	.	.	.	.	3	32%	3	77%	.	.	3	84%	3	93%	3	87%	3	80%	1	1
360556001	2	2	1	.	.	01/01/99	.	08/31/99	.	.	.	.	3	29%	3	70%	.	.	3	61%	3	83%	3	87%	3	70%	.	1
360556001	3	2	.	.	1	05/10/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360556001	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360590005	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	68%	3	83%	.	.	.	.	.	.	.	.	.	.	.	.
360590005	3	2	.	.	1	03/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360590008	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	48%	3	77%	.	.	3	77%	3	93%	3	94%	3	100%	1	1
360590011	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	65%	3	67%	.	.	3	65%	.	.	.	.	.	.	.	.
360590012	1	2	1	.	.	07/01/00	.	07/20/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	71%	3	93%	.	.
360590013	1	2	1	.	.	12/31/99	.	02/21/00	.	.	.	.	.	.	.	.	.	.	3	32%	3	87%	3	94%	.	.	.	.
360610010	1	2	1	.	.	01/01/99	.	07/01/99	.	.	.	.	1	49%	1	60%	.	.	1	74%	1	95%	1	93%	1	99%	.	1
360610010	3	2	.	.	1	02/21/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360610010	5	2	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360610056	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	77%	3	80%	.	.	3	94%	3	100%	3	100%	3	100%	1	1
360610056	2	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	45%	3	40%	.	.	3	90%	3	93%	3	94%	3	93%	1	1
360610062	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	48%	3	80%	.	.	3	87%	3	100%	3	100%	3	100%	1	1
360610062	2	2	1	.	.	08/13/99	.	08/13/99	.	.	.	.	3	45%	3	57%	.	.	3	81%	3	97%	3	100%	3	100%	1	1
360610079	1	2	1	.	.	01/01/00	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	71%	3	97%	3	100%	3	97%	.	1
360610115	1	2	.	.	.	12/31/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360610115	3	2	.	.	1	04/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360610117	1	2	.	.	.	12/31/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360610117	3	2	.	.	1	02/23/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360610119	1	2	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360610119	3	2	.	.	1	11/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360632008	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	74%	3	93%	.	.	3	94%	3	93%	3	100%	3	93%	1	1
360632008	2	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	74%	3	90%	.	.	3	87%	3	70%	3	97%	3	93%	.	1
360632008	3	2	.	.	1	04/19/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360652001	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	68%	3	93%	.	.	3	87%	3	90%	3	97%	3	90%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
360670019	1	2	1	.	.	08/01/99	.	08/01/99	.	.	.	.	3	32%	3	87%	.	.	3	61%	3	87%	3	81%	3	90%	.	1
360670020	1	2	1	.	.	05/02/00	.	05/18/00	.	.	.	.	.	.	.	.	.	.	.	.	3	43%	3	94%	3	83%	.	.
360671015	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	65%	3	90%	.	.	3	77%	3	90%	3	97%	3	93%	1	1
360671015	2	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	45%	3	83%	.	.	3	61%	3	73%	3	90%	3	93%	.	1
360679999	1	2	.	.	.	05/01/00	05/02/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360710002	1	2	1	.	.	12/31/99	.	02/09/00	.	.	.	.	.	.	.	.	.	.	3	52%	3	93%	3	84%	3	80%	.	1
360810094	1	2	1	.	.	07/01/99	.	07/02/99	.	.	.	.	3	32%	3	87%	.	.	3	90%	3	97%	3	97%	3	100%	1	1
360810094	2	2	1	.	.	08/28/99	.	08/28/99	.	.	.	.	3	16%	3	73%	.	.	3	81%	3	97%	3	97%	3	97%	1	1
360810096	1	2	1	.	.	04/18/00	.	04/18/00	.	.	.	.	.	.	.	.	.	.	.	.	3	73%	3	97%	3	93%	.	.
360810097	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	90%	3	77%	.	.	3	81%	3	97%	3	94%	3	87%	1	1
360810097	5	2	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360810116	1	2	.	.	.	12/31/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360810116	3	2	.	.	1	04/12/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360810120	3	2	.	.	1	05/20/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360850055	1	2	1	.	.	09/01/99	.	12/11/99	.	.	.	.	.	.	3	17%	.	.	3	87%	3	97%	3	97%	3	100%	1	1
360850067	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	58%	3	60%	.	.	3	87%	3	93%	3	97%	3	100%	1	1
360850111	3	2	.	.	1	08/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360850114	3	2	.	.	1	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
360893001	1	2	1	.	.	10/01/99	.	10/12/99	.	.	.	.	.	.	3	77%	.	.	3	77%	3	90%	3	97%	3	87%	1	1
360930003	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	52%	3	87%	.	.	3	90%	3	97%	3	100%	3	80%	1	1
361010003	1	2	1	.	.	08/01/99	.	08/02/99	.	.	.	.	1	45%	1	73%	.	.	1	70%	1	78%	1	93%	1	91%	.	1
361010003	5	2	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
361030001	1	2	1	.	.	01/01/99	.	07/02/99	.	.	.	.	3	39%	3	60%	.	.	3	68%	3	90%	3	100%	3	100%	.	1
361030005	1	2	1	.	.	12/31/99	.	10/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	93%	.	.
361030009	1	3	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
361191002	1	2	1	.	.	02/01/00	.	02/15/00	.	.	.	.	.	.	.	.	.	.	3	48%	3	93%	3	100%	3	100%	.	1
NORTH CAROLINA																												
370010002	1	2	1	.	.	01/01/99	.	01/03/99	3	70%	3	90%	3	90%	3	77%	.	1	3	84%	3	87%	3	81%	3	90%	1	1
370210034	1	2	1	.	.	01/01/99	.	01/03/99	3	87%	3	94%	3	97%	3	90%	1	1	3	84%	3	60%	3	84%	3	100%	.	1
370210034	2	2	1	.	.	01/01/99	.	01/06/99	6	87%	6	87%	6	87%	6	100%	1	1	6	100%	3	50%	6	89%	6	87%	.	1
370250004	1	3	1	.	.	01/01/99	.	01/03/99	3	90%	3	97%	3	77%	3	100%	1	1	3	74%	3	100%	3	100%	3	100%	.	1
370330001	1	3	1	.	.	01/01/99	.	01/03/99	3	60%	3	73%	3	84%	3	83%	.	1	3	97%	3	93%	3	90%	3	97%	1	1
370350004	1	2	1	.	.	01/01/99	.	01/03/99	3	88%	3	97%	3	87%	3	93%	1	1	3	87%	3	90%	3	97%	3	100%	1	1
370350005	1	3	1	.	.	05/26/00	.	06/02/00	.	.	.	.	.	.	.	.	.	.	.	.	3	33%	3	100%	3	97%	.	.
370370004	1	2	1	.	.	01/01/99	.	01/03/99	3	73%	3	83%	3	94%	3	87%	.	1	3	94%	3	93%	3	97%	3	93%	1	1
370510009	1	2	1	.	.	01/01/99	.	01/03/99	3	67%	3	83%	3	97%	3	93%	.	1	3	84%	3	100%	3	97%	3	100%	1	1
370510009	2	2	1	.	.	01/01/99	.	10/03/99	.	.	.	.	.	.	6	87%	.	.	6	94%	6	87%	6	100%	6	87%	1	1
370510009	3	3	.	.	1	02/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
370570002	1	3	1	.	.	01/01/99	.	01/03/99	3	73%	3	87%	3	97%	3	73%	.	1	3	87%	3	93%	3	77%	3	100%	1	1
370610002	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	93%	3	94%	3	97%	1	1	3	90%	3	97%	3	100%	3	97%	1	1
370630001	1	2	1	.	.	01/01/99	.	01/01/99	1	90%	1	90%	1	88%	1	91%	1	1	1	93%	1	98%	1	95%	1	98%	1	1
370650003	1	2	1	.	.	03/01/99	.	03/01/99	3	20%	3	90%	3	65%	3	43%	.	.	3	87%	3	97%	3	100%	3	93%	1	1
370670022	1	2	1	.	.	01/01/99	.	01/01/99	1	89%	1	86%	1	89%	1	89%	1	1	1	96%	1	97%	1	96%	1	99%	1	1
370670022	2	3	.	.	1	06/16/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
370670022	3	3	.	.	1	06/16/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
370670024	1	2	1	.	.	01/01/99	.	01/03/99	3	100%	3	97%	3	68%	3	88%	.	1	3	94%	3	80%	3	90%	3	80%	1	1
370710016	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	90%	3	100%	3	97%	1	1	3	94%	3	100%	3	100%	3	100%	1	1
370710016	2	2	1	.	.	01/01/99	.	10/03/99	.	.	.	.	.	.	6	100%	.	.	6	81%	6	100%	6	87%	6	93%	1	1
370810009	1	2	1	.	.	01/01/99	.	01/01/99	1	80%	1	81%	1	80%	1	63%	.	1	1	85%	1	95%	1	78%	1	98%	1	1
370810009	2	2	1	.	.	01/01/99	.	10/03/99	.	.	.	.	.	.	6	33%	.	.	6	69%	6	73%	6	87%	6	80%	.	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
370811005	1	2	1	.	.	01/01/99	.	01/03/99	3	47%	3	35%	3	87%	3	70%	.	1	3	84%	3	93%	3	71%	3	97%	.	1
370870010	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	3	97%	3	94%	3	90%	1	1	3	94%	3	93%	3	100%	3	97%	1	1
370990006	1	A	1	.	.	04/01/00	.	04/03/00	.	.	.	.	.	.	.	.	.	.	.	.	3	97%	3	90%	3	80%	.	.
370990006	2	A	1	.	.	04/01/00	.	04/06/00	.	.	.	.	.	.	.	.	.	.	.	.	6	80%	6	80%	6	53%	.	.
371070004	1	3	1	.	.	01/01/99	.	01/03/99	3	77%	3	80%	3	48%	3	93%	.	1	3	97%	3	87%	3	94%	3	100%	1	1
371110004	1	3	1	.	.	01/01/99	.	01/03/99	3	93%	3	87%	3	97%	3	93%	1	1	3	87%	3	93%	3	100%	3	100%	1	1
371190010	1	2	1	.	.	01/01/99	.	01/01/99	1	94%	1	98%	1	100%	1	97%	1	1	1	95%	1	98%	1	93%	1	98%	1	1
371190034	1	2	1	.	.	01/01/99	.	01/01/99	1	96%	1	99%	1	32%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
371190040	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	93%	3	94%	3	100%	1	1	3	97%	3	93%	3	74%	.	.	.	.
371190041	1	2	1	.	.	07/30/99	.	07/30/99	.	.	.	.	1	68%	1	98%	.	.	1	99%	1	95%	1	96%	1	95%	1	1
371190041	3	3	.	.	1	11/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
371190041	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
371190042	1	2	1	.	.	09/12/00	.	09/21/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	13%	3	97%	.	.
371210001	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	3	90%	3	90%	3	100%	1	1	3	84%	3	100%	3	100%	3	100%	1	1
371210001	2	2	1	.	.	01/01/99	.	10/03/99	.	.	.	.	.	.	6	80%	.	.	6	94%	6	100%	6	100%	6	100%	1	1
371230001	1	3	1	.	.	07/16/99	.	07/17/99	.	.	.	.	3	68%	3	83%	.	.	3	65%	3	93%	3	87%	3	87%	.	1
371290009	1	2	1	.	.	01/01/99	.	01/03/99	3	83%	3	90%	3	94%	3	100%	1	1	3	94%	3	97%	3	94%	3	90%	1	1
371290009	2	2	1	.	.	01/01/99	.	10/03/99	.	.	.	.	.	.	6	87%	.	.	6	69%	6	75%	6	93%	6	93%	.	1
371330005	1	2	1	.	.	01/01/99	.	01/03/99	3	87%	3	93%	3	94%	3	93%	1	1	3	87%	3	100%	3	97%	3	100%	1	1
371350007	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	3	90%	3	84%	3	97%	1	1	3	97%	3	97%	3	97%	3	93%	1	1
371390002	1	2	1	.	.	04/28/99	.	04/30/99	.	.	3	57%	3	65%	3	83%	.	.	3	74%	3	80%	3	94%	3	93%	.	1
371470005	1	2	1	.	.	03/01/99	.	03/01/99	3	10%	3	84%	3	74%	3	78%	.	.	3	97%	3	97%	3	97%	3	97%	1	1
371470005	2	2	1	.	.	03/01/99	.	10/03/99	.	.	.	.	.	.	6	80%	.	.	6	94%	6	93%	6	100%	6	80%	1	1
371550004	1	2	1	.	.	03/10/99	04/20/00	03/10/99	3	17%	3	100%	3	94%	3	90%	.	.	3	84%	3	10%	.	.	.	.	.	.
371550005	1	2	1	.	.	11/23/00	.	11/23/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	40%	.	.
371730002	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	97%	3	97%	3	90%	1	1	3	77%	3	87%	3	94%	3	93%	1	1
371830014	1	2	1	.	.	01/01/99	.	01/01/99	1	81%	1	88%	1	82%	1	97%	1	1	1	95%	1	99%	1	95%	1	92%	1	1
371830014	2	3	.	.	1	11/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
371830014	3	3	1	.	.	01/01/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	81%	6	93%	6	100%	6	93%	1	1
371830015	1	2	1	.	.	01/01/99	.	01/03/99	3	77%	3	90%	3	74%	3	90%	.	1	3	77%	3	93%	3	77%	3	100%	1	1
371910005	1	2	1	.	.	01/01/99	.	01/03/99	3	71%	3	87%	3	81%	3	73%	.	1	3	94%	3	87%	3	97%	3	97%	1	1
NORTH DAKOTA																												
380070002	1	2	1	.	.	07/01/00	.	07/12/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	80%	6	100%	.	.
380130002	1	3	1	.	.	04/01/99	.	04/06/99	.	.	6	73%	6	73%	6	87%	.	.	6	94%	6	100%	6	100%	6	100%	1	1
380130002	3	3	.	.	1	08/23/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
380130003	1	3	1	.	.	09/03/99	.	09/03/99	.	.	.	.	6	20%	6	87%	.	.	6	94%	6	94%	6	100%	6	93%	1	1
380130003	2	3	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	82%	6	100%	6	93%	6	93%	1	1
380150003	1	2	1	.	.	01/01/99	.	01/03/99	3	47%	3	80%	3	81%	3	100%	.	1	3	100%	3	97%	3	100%	3	100%	1	1
380150003	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
380150003	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
380171004	1	2	1	.	.	01/01/99	.	01/03/99	3	70%	3	94%	3	90%	3	100%	.	1	3	100%	3	97%	3	100%	3	93%	1	1
380171004	2	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	94%	3	97%	3	100%	3	93%	1	1
380171004	3	2	.	.	1	06/08/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
380171004	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
380350004	1	2	1	.	.	01/01/99	.	01/03/99	3	43%	3	84%	3	87%	3	90%	.	1	3	90%	3	97%	3	97%	3	87%	1	1
380570004	1	2	1	.	.	01/01/99	.	01/05/99	6	94%	6	87%	6	93%	6	93%	1	1	6	100%	6	100%	6	100%	6	100%	1	1
380570004	2	2	1	.	.	01/01/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	100%	6	100%	6	93%	6	100%	1	1
380570004	3	2	.	.	1	10/11/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
380890002	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	100%	6	93%	6	93%	6	100%	1	1
380910001	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	100%	6	93%	6	87%	1	1	6	88%	6	93%	6	100%	6	93%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
OHIO																												
390090003	1	2	1	.	.	01/03/99	.	01/03/99	3	60%	3	87%	3	100%	3	87%	.	1	3	55%	3	30%	3	90%	3	97%	.	.
390170003	1	2	1	.	.	01/01/99	.	01/01/99	1	88%	1	99%	1	95%	1	35%	.	1	1	79%	1	95%	1	85%	1	83%	1	1
390170016	1	2	1	.	.	10/03/00	.	10/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	100%	.	.
390170017	1	2	1	.	.	10/03/00	.	10/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	100%	.	.
390230005	1	2	1	.	.	07/26/00	.	07/26/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	74%	3	100%	.	.
390350013	1	2	1	.	.	01/29/99	.	01/29/99	3	66%	3	100%	3	97%	3	97%	.	1	3	94%	3	97%	3	97%	3	93%	1	1
390350027	1	2	1	.	.	01/08/99	.	01/08/99	1	70%	1	87%	1	90%	1	86%	.	1	1	77%	1	97%	1	14%	1	80%	.	1
390350034	1	2	1	.	.	07/11/00	.	07/11/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	90%	3	90%	.	.
390350038	1	2	1	.	.	01/08/99	.	01/08/99	1	84%	1	90%	1	84%	1	65%	.	1	1	65%	1	86%	1	91%	1	91%	.	1
390350045	1	2	1	.	.	12/14/99	.	12/14/99	.	.	.	.	.	.	3	20%	.	.	3	100%	3	100%	3	90%	3	100%	1	1
390350060	1	2	1	.	.	01/08/99	.	01/08/99	3	69%	3	97%	3	97%	3	100%	.	1	3	100%	3	80%	3	94%	3	97%	1	1
390350060	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
390350065	1	2	1	.	.	01/29/99	.	01/29/99	3	66%	3	100%	3	100%	3	90%	.	1	3	88%	3	100%	3	100%	3	83%	1	1
390350066	1	2	1	.	.	01/08/99	.	01/08/99	3	71%	3	87%	3	94%	3	97%	.	1	3	81%	3	97%	3	100%	3	80%	1	1
390351002	1	2	1	.	.	01/08/99	.	01/08/99	3	68%	3	97%	3	100%	3	97%	.	1	3	94%	3	97%	3	100%	3	87%	1	1
390490024	1	2	1	.	.	01/01/99	.	01/01/99	1	94%	1	70%	1	65%	1	53%	.	1	1	54%	1	84%	1	95%	1	82%	.	1
390490024	2	2	.	.	.	08/10/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
390490025	1	2	1	.	.	01/01/99	.	01/01/99	1	76%	1	91%	1	82%	1	92%	1	1	1	88%	1	81%	1	92%	1	78%	1	1
390490025	2	2	1	.	.	08/01/00	.	08/10/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	7%	6	20%	.	.
390490028	1	2	.	.	.	09/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
390490029	1	2	.	.	.	09/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
390490081	1	2	1	.	.	01/01/99	.	01/03/99	3	93%	3	73%	3	90%	3	97%	.	1	3	84%	3	90%	3	94%	3	70%	.	1
390610014	1	2	1	.	.	01/01/99	.	01/01/99	1	68%	1	90%	1	95%	1	65%	.	1	1	81%	1	96%	1	90%	1	86%	1	1
390610040	1	2	1	.	.	04/01/99	.	04/03/99	.	.	3	70%	3	45%	3	43%	.	.	3	94%	3	90%	3	94%	3	100%	1	1
390610041	1	2	1	.	.	03/25/99	.	03/25/99	3	10%	3	97%	3	100%	3	100%	.	.	3	45%	3	80%	3	77%	3	33%	.	.
390610041	2	2	1	.	.	02/06/00	.	02/06/00	.	.	.	.	.	.	.	.	.	.	6	25%	.	.	.	.	6	67%	.	.
390610042	1	2	1	.	.	10/03/00	.	10/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	83%	.	.
390610043	1	2	1	.	.	10/03/00	.	10/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	100%	.	.
390617001	1	2	1	.	.	01/30/99	.	01/30/99	1	64%	1	63%	1	86%	1	57%	.	1	1	22%	1	95%	1	83%	1	92%	.	1
390618001	1	2	1	.	.	03/25/99	.	03/25/99	3	7%	3	7%	3	45%	3	83%	.	.	3	84%	3	83%	3	74%	3	97%	.	1
390810016	1	2	1	.	.	01/21/99	.	01/21/99	3	70%	3	90%	3	90%	3	93%	.	1	3	84%	3	97%	3	94%	3	87%	1	1
390811001	1	2	1	.	.	02/11/99	.	02/11/99	1	34%	1	78%	1	90%	1	67%	.	1	1	57%	1	81%	1	85%	1	78%	.	1
390851001	1	2	1	.	.	01/03/99	.	01/03/99	3	90%	3	97%	3	97%	3	90%	1	1	3	94%	3	87%	3	97%	3	93%	1	1
390870010	1	2	1	.	.	01/24/99	.	01/24/99	3	27%	3	0%	3	0%	3	90%	.	.	3	81%	3	83%	3	68%	3	87%	.	1
390930016	1	2	1	.	.	09/03/00	.	09/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	32%	3	47%	.	.
390932003	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	94%	3	84%	3	80%	1	1	3	94%	3	100%	3	48%	3	43%	.	1
390950024	1	2	1	.	.	02/11/99	.	02/11/99	1	33%	1	55%	1	89%	1	88%	.	1	1	1%	1	54%	1	91%	1	92%	.	.
390950025	1	2	1	.	.	03/01/99	.	03/01/99	3	17%	3	80%	3	100%	3	84%	.	.	3	97%	3	97%	3	84%	3	93%	1	1
390950026	1	2	1	.	.	05/29/99	.	05/29/99	.	.	1	32%	1	85%	1	84%	.	.	1	8%	1	62%	1	82%	1	79%	.	.
390990005	1	2	1	.	.	01/01/99	.	01/01/99	1	86%	1	97%	1	91%	1	93%	1	1	1	88%	1	96%	1	92%	1	87%	1	1
391130014	1	2	1	.	.	01/15/99	.	01/15/99	1	76%	1	92%	1	66%	1	55%	.	1	1	90%	1	88%	1	95%	1	79%	1	1
391130031	1	2	1	.	.	01/14/99	.	01/14/99	1	54%	1	86%	1	72%	1	80%	.	1	1	75%	1	92%	1	87%	1	95%	.	1
391330002	1	2	1	.	.	01/30/99	.	01/30/99	3	70%	3	93%	3	90%	3	83%	.	1	3	90%	3	100%	3	100%	3	100%	1	1
391351001	1	2	1	.	.	01/21/99	.	01/21/99	3	68%	3	81%	3	94%	3	13%	.	.	3	6%	3	97%	3	97%	3	100%	.	.
391450013	1	2	1	.	.	01/15/99	.	01/15/99	3	70%	3	77%	3	100%	3	93%	.	1	3	74%	3	80%	3	65%	3	80%	.	1
391510017	1	2	1	.	.	01/03/99	.	01/03/99	3	83%	3	83%	3	87%	3	100%	1	1	3	94%	3	93%	3	97%	3	90%	1	1
391510020	1	2	1	.	.	01/03/99	.	01/03/99	3	90%	3	83%	3	90%	3	100%	1	1	3	90%	3	100%	3	94%	3	97%	1	1
391530017	1	2	1	.	.	01/01/99	.	01/01/99	1	83%	1	95%	1	92%	1	96%	1	1	1	66%	1	79%	1	93%	1	80%	.	1
391530017	2	2	1	.	.	03/13/00	.	03/13/00	.	.	.	.	.	.	.	.	.	.	1	16%	1	7%	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
391530023	1	2	1	.	.	01/01/99	.	01/01/99	1	90%	1	96%	1	92%	1	97%	1	1	1	80%	1	96%	1	92%	1	84%	1	1
391550007	1	2	1	.	.	01/01/99	.	01/01/99	1	92%	1	86%	1	93%	1	88%	1	1	1	91%	1	75%	1	93%	1	91%	.	1
OKLAHOMA																												
400159008	1	A	1	.	.	11/01/99	.	04/24/00	.	.	.	.	.	.	.	.	.	.	.	.	6	73%	6	100%	.	.	.	.
400179001	1	3	1	.	.	07/01/99	.	08/16/99	.	.	.	.	6	33%	6	60%	.	.	6	88%	6	80%	6	100%	.	.	.	.
400190294	1	3	1	.	.	02/04/99	11/05/99	04/24/99	.	.	6	13%	6	93%	6	27%	.	.	.	.	.	.	.	.	.	.	.	.
400190295	1	2	1	.	.	12/13/99	.	12/20/99	.	.	.	.	.	.	6	7%	.	.	3	84%	3	100%	3	84%	3	97%	1	1
400219002	1	3	1	.	.	07/01/99	.	08/22/99	.	.	.	.	6	33%	6	60%	.	.	6	63%	6	53%	6	40%	.	.	.	.
400219002	2	3	1	.	.	07/01/99	.	10/15/99	.	.	.	.	.	.	6	7%	.	.	6	38%	6	47%	6	53%	.	.	.	.
400310648	1	3	1	.	.	02/04/99	.	04/06/99	.	.	6	73%	6	93%	6	80%	.	.	3	97%	3	100%	3	84%	3	93%	1	1
400310648	2	3	1	.	.	04/06/99	.	04/06/99	.	.	6	47%	6	53%	6	87%	.	.	6	94%	6	100%	6	80%	6	87%	1	1
400390852	1	3	1	.	.	01/01/99	.	04/06/99	.	.	6	60%	6	100%	6	93%	.	.	6	94%	6	100%	6	87%	6	100%	1	1
400470554	1	3	1	.	.	01/26/99	.	04/06/99	.	.	6	67%	6	93%	6	87%	.	.	3	84%	3	100%	3	84%	3	93%	1	1
400470554	2	3	1	.	.	04/06/99	.	04/06/99	.	.	6	33%	6	80%	6	73%	.	.	6	69%	6	93%	6	80%	6	87%	.	1
400710602	1	3	1	.	.	03/01/99	.	05/06/99	.	.	6	40%	6	100%	6	93%	.	.	3	87%	3	97%	3	81%	3	97%	1	1
400719003	1	3	1	.	.	11/01/99	.	02/18/00	.	.	.	.	.	.	.	.	.	.	6	38%	6	100%	6	100%	.	.	.	.
400719003	2	A	1	.	.	11/01/99	.	03/01/00	.	.	.	.	.	.	.	.	.	.	6	6%	.	.	.	.	.	.	.	.
400819005	1	3	1	.	.	11/01/99	.	02/18/00	.	.	.	.	.	.	.	.	.	.	6	44%	6	93%	6	100%	.	.	.	.
400970186	1	3	1	.	.	02/28/99	.	04/12/99	.	.	6	40%	6	87%	6	93%	.	.	3	94%	3	97%	3	84%	3	87%	1	1
401010169	1	3	1	.	.	01/25/99	.	04/06/99	.	.	6	33%	6	80%	6	93%	.	.	3	61%	3	87%	3	90%	3	57%	.	1
401090035	1	3	1	.	.	01/01/99	.	04/01/99	.	.	1	73%	1	90%	1	88%	.	.	1	90%	1	91%	1	86%	1	80%	1	1
401090035	2	3	1	.	.	04/06/99	.	04/06/99	.	.	6	40%	6	87%	6	93%	.	.	6	94%	6	94%	6	87%	6	93%	1	1
401090038	1	3	1	.	.	01/20/99	.	04/06/99	.	.	3	60%	3	87%	3	73%	.	.	1	86%	1	92%	1	91%	1	84%	1	1
401091037	1	3	1	.	.	01/01/99	.	04/06/99	.	.	6	73%	6	67%	6	80%	.	.	3	81%	3	97%	3	100%	3	93%	1	1
401159004	1	3	1	.	.	07/01/99	.	08/16/99	.	.	.	.	6	40%	6	80%	.	.	6	100%	6	73%	6	87%	.	.	.	.
401179007	1	A	1	.	.	11/01/99	.	04/06/00	.	.	.	.	.	.	.	.	.	.	.	.	6	80%	6	87%	.	.	.	.
401190614	1	3	1	.	.	01/29/99	.	04/06/99	.	.	6	73%	6	93%	6	93%	.	.	6	88%	6	100%	6	60%	6	100%	.	.
401210415	1	2	1	.	.	04/01/99	.	04/06/99	.	.	3	57%	3	90%	3	80%	.	.	3	74%	3	91%	3	76%	3	80%	.	1
401250054	1	3	1	.	.	01/23/99	12/09/00	04/06/99	.	.	6	67%	6	80%	6	100%	.	.	6	75%	6	93%	6	87%	6	80%	1	1
401339006	1	A	1	.	.	11/01/99	.	02/18/00	.	.	.	.	.	.	.	.	.	.	6	44%	6	87%	6	100%	.	.	.	.
401430110	1	2	1	.	.	01/01/99	.	04/02/99	.	.	1	64%	1	89%	1	89%	.	.	1	90%	1	69%	1	88%	1	88%	.	1
401430110	2	3	1	.	.	04/12/99	.	04/12/99	.	.	6	27%	6	93%	6	87%	.	.	6	100%	6	93%	6	87%	6	100%	1	1
401430131	1	2	1	.	.	01/01/99	.	04/03/99	.	.	3	57%	3	78%	3	90%	.	.	1	75%	1	86%	1	77%	1	93%	.	1
401431127	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
OREGON																												
410030013	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	87%	3	87%	3	93%	1	1	3	94%	3	100%	3	100%	3	100%	1	1
410090004	1	3	1	.	.	01/01/99	.	01/01/99	1	91%	1	93%	3	84%	3	90%	1	1	3	97%	3	97%	3	94%	3	100%	1	1
410170113	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	94%	6	97%	1	96%	1	1	1	100%	1	97%	1	89%	1	98%	1	1
410250002	1	2	1	.	.	10/03/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	81%	6	87%	6	53%	6	67%	.	.
410290133	1	2	1	.	.	01/01/99	.	01/01/99	1	94%	1	74%	1	87%	1	100%	.	1	1	95%	1	100%	1	96%	1	93%	1	1
410291001	1	3	1	.	.	01/01/99	.	01/01/99	1	86%	1	96%	3	94%	3	87%	1	1	3	97%	3	100%	3	100%	3	97%	1	1
410292129	1	3	1	.	.	09/15/99	.	09/15/99	.	.	.	.	1	16%	1	99%	.	.	1	89%	1	86%	1	91%	1	96%	1	1
410330107	1	2	1	.	.	01/01/99	.	08/31/99	.	.	.	.	3	29%	3	97%	.	.	3	97%	3	97%	3	100%	3	93%	1	1
410350004	1	2	1	.	.	01/01/99	.	01/06/99	6	100%	6	80%	6	97%	1	91%	1	1	1	100%	1	95%	1	92%	1	91%	1	1
410370001	1	2	1	.	.	01/01/99	.	01/06/99	6	100%	6	100%	6	100%	1	95%	1	1	1	88%	1	86%	1	85%	1	96%	1	1
410370003	1	3	1	.	.	09/09/99	.	09/09/99	.	.	.	.	6	27%	6	100%	.	.	6	100%	6	100%	6	73%	6	93%	1	1
410390060	1	2	1	.	.	01/01/99	.	01/01/99	1	92%	1	97%	1	98%	1	98%	1	1	1	93%	1	97%	1	92%	.	.	.	.
410391007	1	2	1	.	.	01/01/99	.	01/03/99	3	97%	3	93%	3	87%	3	100%	1	1	3	100%	3	97%	3	81%	.	.	.	.
410391061	1	2	1	.	.	11/19/99	.	04/01/00	.	.	.	.	.	.	.	.	.	.	.	.	1	99%	1	91%	.	.	.	.
410392013	1	2	1	.	.	01/01/99	.	01/01/99	1	92%	1	73%	1	91%	1	91%	.	1	.	.	1	99%	1	99%	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
410430009	1	2	1	.	.	10/27/99	.	10/27/99	.	.	.	.	.	.	3	73%	.	.	3	100%	3	100%	3	97%	3	80%	1	1
410470040	1	2	1	.	.	01/01/99	.	01/09/99	3	93%	3	94%	3	87%	3	97%	1	1	3	97%	3	100%	3	100%	3	100%	1	1
410470109	1	2	1	.	.	01/01/99	.	01/01/99	1	96%	1	71%	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
410470110	1	2	1	.	.	06/17/99	.	07/29/99	.	.	.	.	3	58%	3	100%	.	.	3	97%	3	100%	3	94%	3	100%	1	1
410510080	1	2	1	.	.	01/01/99	.	01/01/99	1	91%	1	90%	1	97%	1	90%	1	1	1	96%	1	98%	1	95%	1	97%	1	1
410510080	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
410510080	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
410510244	1	2	1	.	.	12/17/98	.	01/01/99	1	88%	1	89%	1	95%	1	93%	1	1	1	88%	1	91%	1	90%	1	98%	1	1
410510246	1	2	1	.	.	08/27/99	.	08/27/99	.	.	.	.	1	37%	1	90%	.	.	1	95%	1	100%	1	93%	1	98%	1	1
410590121	1	2	1	.	.	01/01/99	.	01/06/99	6	73%	6	87%	6	100%	1	70%	.	1	1	91%	1	86%	1	90%	1	90%	1	1
410610006	1	2	1	.	.	01/01/99	.	01/06/99	6	93%	6	87%	6	80%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
410610117	1	2	1	.	.	07/01/99	.	09/15/99	.	.	.	.	1	14%	1	90%	.	.	1	95%	1	99%	1	71%	1	93%	.	1
410619103	1	2	1	.	.	07/01/99	.	09/15/99	.	.	.	.	6	20%	6	93%	.	.	6	94%	6	47%	6	73%	6	93%	.	.
410650007	1	2	1	.	.	08/06/99	.	12/14/99	.	.	.	.	.	.	6	20%	.	.	6	94%	6	93%	6	100%	6	100%	1	1
410670111	1	2	1	.	.	01/01/99	.	01/01/99	1	94%	1	91%	1	74%	3	97%	.	1	3	100%	3	97%	3	87%	3	100%	1	1
410671003	1	2	1	.	.	08/20/99	.	09/15/99	.	.	.	.	3	13%	3	97%	.	.	3	97%	3	97%	3	100%	3	83%	1	1
PENNSYLVANIA																												
420010001	1	2	1	.	.	01/01/99	.	01/01/99	1	67%	1	86%	1	63%	1	78%	.	1	1	86%	1	91%	1	74%	1	98%	.	1
420010001	3	2	.	.	1	10/13/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420030008	1	2	1	.	.	02/23/99	.	02/23/99	3	37%	3	10%	3	59%	1	45%	.	.	1	57%	1	24%	1	91%	1	84%	.	1
420030008	2	3	1	.	.	09/02/99	.	09/02/99	.	.	.	.	6	42%	6	98%	.	.	6	83%	.	.	.	.	.	.	.	.
420030008	5	3	.	.	1	05/24/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420030021	1	2	1	.	.	02/14/99	.	02/14/99	3	33%	3	83%	3	69%	3	78%	.	.	3	79%	3	75%	3	88%	3	66%	.	1
420030064	1	2	1	.	.	01/23/99	.	01/23/99	1	44%	1	58%	1	54%	1	51%	.	1	1	97%	1	78%	1	93%	1	90%	1	1
420030064	2	3	1	.	.	01/24/99	.	01/24/99	1	23%	1	46%	1	54%	1	58%	.	1	6	89%	.	.	.	.	.	.	.	.
420030064	5	3	.	.	1	11/19/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420030067	1	2	1	.	.	04/12/99	.	04/12/99	.	.	3	70%	3	84%	3	77%	.	.	3	58%	3	72%	3	85%	3	43%	.	1
420030093	1	3	1	.	.	03/25/99	.	03/25/99	6	7%	6	38%	6	33%	6	33%	.	.	6	75%	6	67%	6	87%	6	53%	.	.
420030095	1	3	1	.	.	01/30/99	.	01/30/99	6	40%	6	53%	6	67%	6	20%	.	.	6	56%	6	75%	6	53%	6	47%	.	.
420030097	1	3	1	.	.	01/31/99	.	01/31/99	6	20%	.	.	6	33%	6	67%	.	.	6	75%	6	67%	6	53%	6	53%	.	.
420030116	1	2	1	.	.	01/30/99	.	01/31/99	3	57%	3	58%	3	77%	3	83%	.	1	3	81%	3	75%	6	83%	3	77%	1	1
420030131	1	2	1	.	.	02/05/99	.	02/05/99	6	31%	6	73%	6	40%	6	20%	.	.	6	94%	6	67%	6	93%	6	60%	.	.
420031008	1	2	1	.	.	02/13/99	.	02/13/99	3	47%	3	87%	3	52%	3	78%	.	1	3	78%	3	68%	3	91%	3	76%	.	1
420031301	1	2	1	.	.	01/30/99	.	01/30/99	6	33%	3	80%	3	74%	3	84%	.	.	3	78%	3	48%	3	84%	3	68%	.	1
420031301	2	3	1	.	.	04/18/99	.	04/18/99	.	.	6	20%	6	33%	6	87%	.	.	6	81%	.	.	.	.	.	.	.	.
420039002	1	3	1	.	.	01/24/99	.	01/24/99	6	73%	6	87%	6	67%	6	60%	.	.	6	75%	6	81%	6	93%	6	80%	1	1
420050001	3	2	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420050001	5	3	.	.	1	11/09/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420070014	1	2	1	.	.	12/01/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	77%	3	97%	3	52%	3	97%	.	1
420070014	2	3	1	.	.	12/01/99	.	01/19/00	.	.	.	.	.	.	.	.	.	.	6	19%	.	.	6	20%	.	.	.	.
420110009	1	2	1	.	.	01/01/99	.	01/30/99	3	43%	3	80%	3	90%	3	87%	.	1	3	90%	3	90%	3	97%	3	93%	1	1
420170012	1	2	1	.	.	01/01/99	.	02/11/99	3	43%	3	57%	3	55%	3	67%	.	1	3	71%	3	100%	3	79%	3	87%	.	1
420210011	1	2	1	.	.	01/01/99	.	02/14/99	3	50%	3	73%	3	68%	3	73%	.	1	3	55%	3	90%	3	100%	3	87%	.	1
420270100	1	2	1	.	.	02/01/00	.	02/18/00	.	.	.	.	.	.	.	.	.	.	3	45%	3	90%	3	31%	3	63%	.	.
420410100	1	2	1	.	.	02/01/00	.	02/15/00	.	.	.	.	.	.	.	.	.	.	1	46%	1	98%	1	97%	1	85%	.	1
420430401	1	2	1	.	.	01/01/99	.	01/01/99	1	66%	1	85%	1	85%	1	33%	.	1	1	90%	1	62%	1	79%	1	100%	.	1
420450002	1	2	1	.	.	01/01/99	.	01/06/99	3	50%	3	83%	3	87%	3	90%	.	1	3	87%	3	93%	3	97%	3	93%	1	1
420450002	2	3	1	.	.	01/01/99	.	03/19/00	.	.	.	.	.	.	.	.	.	.	6	6%	6	13%	6	7%	6	13%	.	.
420490003	1	2	1	.	.	01/01/99	.	01/30/99	3	30%	3	33%	3	10%	3	53%	.	.	3	52%	1	13%	3	35%	3	72%	.	1
420692006	1	2	1	.	.	01/01/99	.	01/30/99	1	39%	1	78%	1	88%	1	78%	.	1	1	95%	1	90%	1	96%	1	100%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
420692006	2	3	1	.	.	01/01/99	.	05/18/00	.	.	.	.	.	.	.	.	.	.	.	.	6	20%	6	7%	6	33%	.	.
420710007	1	2	1	.	.	01/01/99	.	01/09/99	3	50%	3	93%	3	71%	3	80%	.	1	3	87%	3	77%	3	90%	3	77%	1	1
420710007	2	3	1	.	.	01/01/99	.	01/07/00	.	.	.	.	.	.	.	.	.	.	6	13%	6	20%	6	7%	6	27%	.	.
420770004	1	2	1	.	.	01/01/99	.	01/30/99	1	20%	1	87%	1	24%	1	72%	.	1	1	86%	1	82%	1	97%	1	96%	1	1
420791101	1	2	1	.	.	01/01/99	.	01/05/99	1	50%	1	70%	1	84%	1	72%	.	1	1	96%	1	93%	1	93%	1	99%	1	1
420850100	1	2	1	.	.	02/01/00	.	04/09/00	.	.	.	.	.	.	.	.	.	.	.	.	3	43%	6	85%	3	82%	.	.
420910013	1	2	1	.	.	01/01/99	.	02/14/99	3	50%	3	60%	3	65%	3	83%	.	1	3	71%	3	90%	3	90%	3	100%	.	1
420950025	1	2	1	.	.	01/01/99	.	01/05/99	1	20%	1	89%	1	34%	1	54%	.	1	1	69%	1	81%	1	95%	1	87%	.	1
420958000	3	2	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420958000	5	3	.	.	1	10/20/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420990301	1	2	1	.	.	12/01/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	77%	3	97%	3	94%	3	93%	1	1
421010004	1	2	1	.	.	01/01/99	.	02/04/99	1	39%	1	57%	1	83%	1	76%	.	1	1	70%	1	53%	1	95%	1	93%	.	1
421010004	2	2	.	.	.	01/01/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
421010004	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
421010004	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
421010020	1	2	1	.	.	01/01/99	.	02/11/99	3	19%	3	61%	3	90%	3	93%	.	.	3	87%	3	33%	3	94%	3	83%	.	.
421010024	1	2	1	.	.	01/01/99	.	02/17/99	3	17%	3	20%	3	81%	3	93%	.	.	3	87%	3	40%	3	100%	3	83%	.	1
421010027	1	2	1	.	.	04/01/00	.	04/03/00	.	.	.	.	.	.	.	.	.	.	.	.	3	50%	3	100%	3	3%	.	.
421010047	1	2	1	.	.	01/01/99	.	02/20/99	3	33%	3	43%	3	87%	3	87%	.	.	3	87%	3	23%	3	97%	3	90%	.	.
421010136	1	2	1	.	.	01/01/99	.	02/04/99	1	33%	1	42%	1	29%	1	9%	.	.	1	66%	1	56%	1	93%	1	92%	.	1
421250005	1	2	1	.	.	01/01/99	.	01/15/99	3	67%	3	70%	3	61%	3	43%	.	1	3	71%	3	100%	3	94%	3	100%	.	1
421250005	2	3	1	.	.	01/01/99	.	01/19/00	.	.	.	.	.	.	.	.	.	.	6	13%	.	.	6	7%	.	.	.	.
421250200	1	2	1	.	.	01/01/99	.	01/18/99	3	63%	3	57%	3	84%	3	50%	.	1	3	77%	3	100%	3	100%	3	97%	1	1
421255001	1	2	1	.	.	01/01/99	.	01/08/99	1	44%	1	79%	1	83%	1	79%	.	1	1	97%	1	95%	1	97%	1	91%	1	1
421290008	1	2	1	.	.	01/01/99	.	02/11/99	3	40%	3	67%	3	84%	3	37%	.	1	3	81%	3	93%	3	74%	3	77%	.	1
421330008	1	2	1	.	.	01/01/99	.	01/09/99	3	70%	3	93%	3	71%	3	83%	.	1	3	94%	3	93%	3	100%	3	100%	1	1
421330008	2	3	1	.	.	01/01/99	.	01/19/00	.	.	.	.	.	.	.	.	.	.	6	6%	6	7%	.	.	.	.	.	.
PUERTO RICO																												
720170003	1	2	.	.	1	04/10/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
720210009	1	2	1	.	.	02/02/99	.	02/02/99	3	50%	3	73%	3	77%	3	73%	.	1	3	84%	3	87%	.	.	.	.	.	.
720330007	1	2	.	.	1	11/29/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
720530003	1	2	1	.	.	04/20/99	.	04/21/99	.	.	1	58%	1	83%	1	15%	.	.	1	69%	1	77%	.	.	.	.	.	.
720570008	1	2	1	.	.	01/15/99	.	01/24/99	3	60%	3	83%	3	81%	3	73%	.	1	3	77%	3	70%	.	.	.	.	.	.
720590016	1	2	1	.	.	01/15/99	.	01/24/99	3	63%	3	47%	3	77%	3	70%	.	1	3	90%	3	80%	.	.	.	.	.	.
720610005	1	2	1	.	.	01/15/99	.	01/23/99	1	66%	1	73%	1	65%	1	74%	.	1	1	86%	1	81%	.	.	.	.	.	.
720610005	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
720690001	1	2	.	.	.	02/12/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
720810001	1	2	1	.	.	01/15/99	.	01/21/99	3	53%	3	57%	3	32%	3	40%	.	.	3	42%	3	93%	.	.	.	.	.	.
720970003	1	2	1	.	.	01/24/99	.	01/24/99	3	65%	3	87%	3	68%	3	57%	.	1	3	94%	3	73%	.	.	.	.	.	.
721130004	1	2	1	.	.	01/15/99	.	01/24/99	3	63%	3	93%	3	65%	3	73%	.	1	3	74%	3	93%	.	.	.	.	.	.
721270003	1	2	1	.	.	03/21/99	.	03/21/99	1	10%	1	86%	1	86%	1	62%	.	.	1	78%	1	80%	.	.	.	.	.	.
RHODE ISLAND																												
440030002	1	3	1	.	.	01/06/99	.	01/06/99	3	0%	3	100%	3	100%	3	100%	.	.	3	87%	3	97%	3	100%	3	17%	.	.
440070020	1	3	1	.	.	01/06/99	.	01/06/99	6	0%	6	73%	6	93%	6	93%	.	.	6	94%	6	100%	6	87%	6	20%	.	.
440070022	1	3	1	.	.	01/01/99	.	01/06/99	1	0%	1	88%	1	97%	1	97%	.	.	1	85%	1	91%	1	92%	1	11%	.	.
440070022	2	3	1	.	.	01/01/99	.	01/06/99	6	0%	6	60%	6	100%	6	100%	.	.	6	81%	6	100%	6	100%	6	20%	.	.
440070022	5	2	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
440070023	1	3	1	.	.	12/01/99	.	12/11/99	.	.	.	.	.	.	3	20%	.	.	3	94%	3	100%	3	100%	3	17%	.	.
440071005	1	3	1	.	.	01/06/99	.	01/06/99	3	0%	3	93%	3	100%	3	93%	.	.	3	90%	3	97%	3	94%	3	10%	.	.
440071010	1	3	1	.	.	01/06/99	.	01/06/99	1	0%	1	92%	1	98%	1	99%	.	.	1	85%	1	91%	1	96%	1	11%	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
440071010	2	3	1	.	.	01/06/99	.	01/06/99	6	0%	6	100%	6	93%	6	93%	.	.	6	88%	6	100%	6	100%	6	20%	.	.
440071010	5	T	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
440090007	1	3	1	.	.	01/01/99	.	01/06/99	3	0%	3	77%	3	100%	3	97%	.	.	3	90%	3	93%	3	97%	3	17%	.	.
SOUTH CAROLINA																												
450070003	1	3	.	.	1	07/19/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
450130007	1	2	1	.	.	03/25/99	.	03/25/99	3	0%	3	73%	3	94%	3	80%	.	.	3	90%	3	100%	3	87%	3	93%	1	1
450190046	1	2	1	.	.	01/15/99	.	01/15/99	3	87%	3	87%	3	87%	3	87%	1	1	3	74%	3	73%	3	87%	3	93%	.	1
450190048	1	2	1	.	.	04/15/99	.	04/15/99	.	.	1	77%	1	87%	1	99%	.	.	1	98%	1	99%	1	100%	1	96%	1	1
450190048	2	3	1	.	.	04/24/99	.	04/24/99	.	.	6	73%	6	93%	6	100%	.	.	6	88%	6	93%	6	100%	6	93%	1	1
450190049	1	2	1	.	.	11/26/98	.	01/01/99	1	98%	1	98%	1	78%	1	80%	1	1	1	99%	1	99%	1	99%	1	100%	1	1
450190049	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
450250001	1	3	1	.	.	01/07/00	.	01/07/00	.	.	.	.	.	.	.	.	.	.	3	58%	3	97%	3	84%	3	100%	.	1
450290002	1	3	1	.	.	04/15/99	.	04/15/99	.	.	3	53%	3	77%	3	80%	.	.	3	48%	.	.	.	.	.	.	.	.
450290002	2	3	.	.	1	06/24/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
450370001	1	2	1	.	.	04/30/99	.	04/30/99	.	.	3	63%	3	94%	3	93%	.	.	3	87%	3	97%	3	97%	3	83%	1	1
450370001	2	3	.	.	1	06/03/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
450410002	1	2	1	.	.	02/23/99	.	02/23/99	3	37%	3	84%	3	100%	3	87%	.	1	3	97%	3	100%	3	87%	3	90%	1	1
450430009	1	3	1	.	.	01/15/99	.	01/15/99	3	87%	3	93%	3	91%	3	100%	1	1	3	90%	3	100%	3	100%	3	90%	1	1
450430009	2	3	1	.	.	01/21/99	.	01/21/99	3	77%	3	83%	3	81%	3	93%	1	1	3	90%	3	93%	3	87%	3	67%	.	1
450450009	1	2	1	.	.	05/30/99	.	05/30/99	.	.	1	33%	1	87%	1	100%	.	.	1	95%	1	98%	1	89%	1	89%	1	1
450450009	2	3	1	.	.	05/30/99	.	05/30/99	.	.	6	20%	6	60%	6	87%	.	.	6	100%	6	100%	6	73%	6	67%	.	.
450470003	1	2	1	.	.	12/04/98	.	01/03/99	3	80%	3	100%	3	94%	3	63%	.	1	3	90%	3	100%	3	100%	3	93%	1	1
450510002	1	2	1	.	.	11/01/00	.	12/20/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	13%	.	.
450510002	2	3	1	.	.	11/01/00	.	12/17/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	17%	.	.
450630005	1	3	1	.	.	11/19/98	.	01/03/99	3	87%	3	97%	3	100%	3	93%	1	1	3	97%	3	100%	3	94%	3	100%	1	1
450630008	1	2	1	.	.	12/01/98	.	01/03/99	3	90%	3	87%	3	94%	3	97%	1	1	3	94%	3	97%	3	100%	3	97%	1	1
450630009	1	3	.	.	1	06/25/97	08/17/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
450730001	1	2	1	.	.	12/31/98	.	01/03/99	3	77%	3	67%	3	78%	3	87%	.	1	3	97%	3	87%	3	71%	3	90%	.	1
450790007	1	2	1	.	.	11/01/98	.	01/03/99	3	68%	3	90%	3	81%	3	87%	.	1	3	94%	3	93%	3	100%	3	100%	1	1
450790018	1	3	.	.	1	08/17/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
450790019	1	2	1	.	.	11/26/98	.	01/03/99	3	90%	3	100%	3	100%	3	100%	1	1	3	97%	3	97%	3	97%	3	100%	1	1
450790019	2	3	1	.	.	11/26/98	.	01/03/99	3	0%	3	68%	3	100%	3	80%	.	.	3	90%	3	93%	3	84%	3	83%	1	1
450830008	1	3	.	.	1	11/16/99	06/20/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
450830009	1	3	.	.	1	04/22/97	06/05/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
450830010	1	2	1	.	.	11/13/98	.	01/01/99	1	82%	1	100%	1	76%	1	97%	1	1	1	100%	1	93%	1	90%	1	83%	1	1
450910006	1	3	1	.	.	12/10/98	.	01/03/99	3	83%	3	50%	3	74%	3	87%	.	1	3	100%	3	93%	3	81%	3	87%	1	1
SOUTH DAKOTA																												
460110002	1	2	1	.	.	01/01/99	.	04/03/99	.	.	3	77%	3	55%	3	87%	.	.	3	58%	3	97%	3	94%	3	100%	.	1
460130003	1	2	1	.	.	12/20/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	32%	3	90%	3	97%	3	97%	.	.
460710001	1	2	1	.	.	12/31/99	.	01/01/00	.	.	.	.	.	.	.	.	.	.	6	50%	6	93%	6	100%	6	100%	.	.
460930001	1	2	.	.	.	11/29/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
460990006	1	2	1	.	.	01/01/99	.	04/03/99	.	.	3	97%	3	90%	3	90%	.	.	3	55%	3	100%	3	100%	3	100%	.	1
460990007	1	2	1	.	.	01/01/99	.	01/03/99	3	63%	3	77%	3	71%	3	80%	.	1	3	55%	3	93%	3	68%	3	90%	.	1
461030013	1	3	1	.	.	06/01/00	.	06/11/00	.	.	.	.	.	.	.	.	.	.	.	.	6	27%	6	93%	6	93%	.	.
461030014	1	2	1	.	.	12/31/98	12/31/99	01/03/99	3	80%	3	87%	3	77%	3	80%	1	1	.	.	.	.	.	.	.	.	.	.
461030015	1	2	1	.	.	01/01/99	10/01/00	01/03/99	3	80%	3	100%	3	87%	3	97%	1	1	3	29%	3	73%	3	87%	.	.	.	.
461030016	1	2	1	.	.	01/01/99	.	01/03/99	3	63%	3	87%	3	97%	3	90%	.	1	3	45%	3	70%	3	90%	3	93%	.	1
461030016	3	3	.	.	.	04/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
461030017	1	2	1	.	.	01/01/99	.	04/03/99	.	.	3	87%	3	94%	3	81%	.	.	3	39%	3	80%	3	58%	3	100%	.	1
461030019	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	39%	3	93%	3	87%	3	57%	.	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
461031001	1	2	1	.	.	01/01/99	.	04/03/99	.	.	3	93%	3	97%	3	97%	.	.	3	52%	3	57%	3	100%	3	97%	.	1
TENNESSEE																												
470090005	1	2	1	.	.	10/01/98	05/05/00	01/03/99	3	93%	3	77%	3	97%	3	87%	1	1	3	85%	3	33%	.	.	.	.	.	.
470090011	1	2	1	.	.	05/01/00	.	05/06/00	.	.	.	.	.	.	.	.	.	.	.	.	3	57%	3	94%	.	.	.	.
470370023	1	2	1	.	.	10/01/99	.	10/09/99	.	.	.	.	.	.	6	93%	.	.	1	77%	1	85%	1	85%	1	33%	.	1
470370023	2	3	1	.	.	10/01/99	.	10/09/99	.	.	.	.	.	.	6	93%	.	.	6	31%	6	67%	6	73%	6	33%	.	.
470370025	1	2	1	.	.	01/01/99	.	10/09/99	.	.	.	.	.	.	6	93%	.	.	3	97%	3	57%	3	97%	3	33%	.	.
470370036	1	2	1	.	.	01/01/99	.	10/09/99	.	.	.	.	.	.	6	93%	.	.	1	74%	1	77%	1	85%	1	34%	.	1
470450004	1	3	1	.	.	08/22/99	.	08/25/99	.	.	.	.	3	29%	3	63%	.	.	3	90%	3	77%	3	84%	.	.	.	.
470650031	1	2	1	.	.	05/06/99	.	05/06/99	.	.	6	69%	6	75%	6	94%	.	.	.	.	.	.	.	.	.	.	.	.
470650032	1	2	1	.	.	06/05/99	.	06/05/99	.	.	6	33%	6	94%	6	40%	.	.	.	.	.	.	.	.	.	.	.	.
470654002	1	2	1	.	.	01/01/99	.	01/01/99	3	90%	3	93%	3	94%	3	90%	1	1	.	.	.	.	.	.	.	.	.	.
470654002	2	2	1	.	.	01/01/99	.	12/08/99	.	.	.	.	.	.	6	13%	.	.	.	.	.	.	.	.	.	.	.	.
470930028	1	2	1	.	.	01/01/99	.	01/03/99	3	80%	3	70%	3	52%	3	47%	.	1	3	81%	3	100%	3	90%	3	27%	.	.
470931017	1	2	1	.	.	01/01/99	.	01/01/99	1	74%	1	49%	1	16%	1	14%	.	1	1	76%	1	76%	1	91%	1	29%	.	1
470931017	2	3	1	.	.	01/01/99	.	01/06/99	6	73%	6	60%	6	93%	6	93%	.	.	6	88%	6	93%	6	87%	6	33%	.	.
470931020	1	2	1	.	.	01/01/99	.	01/01/99	1	0%	1	0%	1	0%	1	13%	.	.	1	88%	1	87%	1	78%	1	21%	.	1
470990002	1	2	1	.	.	10/01/98	.	01/03/99	3	90%	3	100%	3	71%	3	73%	.	1	3	97%	3	93%	3	94%	.	.	.	.
471071002	1	3	1	.	.	02/03/00	.	02/03/00	.	.	.	.	.	.	.	.	.	.	3	65%	3	90%	3	87%	.	.	.	.
471130004	1	2	1	.	.	10/01/98	.	01/03/99	3	67%	3	53%	3	61%	3	100%	.	1	3	81%	3	93%	3	87%	.	.	.	.
471130004	2	3	1	.	.	01/01/99	.	08/25/99	.	.	.	.	3	26%	3	93%	.	.	3	58%	3	93%	3	74%	.	.	.	.
471192007	1	3	1	.	.	12/25/98	.	01/03/99	3	57%	3	87%	3	87%	3	90%	.	1	3	90%	3	93%	3	84%	.	.	.	.
471251009	1	2	1	.	.	10/01/98	.	01/03/99	3	97%	3	93%	3	94%	3	87%	1	1	3	100%	3	97%	3	81%	.	.	.	.
471410001	1	3	1	.	.	12/25/98	.	09/15/99	.	.	.	.	3	13%	3	83%	.	.	3	77%	3	90%	3	87%	.	.	.	.
471450004	1	2	1	.	.	10/01/98	.	01/03/99	3	43%	3	50%	3	87%	3	80%	.	1	3	90%	3	97%	3	87%	.	.	.	.
471570014	1	2	1	.	.	12/01/98	.	01/18/99	3	40%	3	77%	3	81%	3	87%	.	1	3	84%	3	83%	.	.	.	.	.	.
471570038	1	2	1	.	.	12/01/98	.	01/16/99	1	70%	1	73%	1	77%	1	91%	.	1	1	75%	1	97%	.	.	.	.	.	.
471570047	1	2	1	.	.	12/01/98	.	01/16/99	1	76%	1	79%	1	88%	1	93%	1	1	1	99%	1	87%	.	.	.	.	.	.
471570047	2	3	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
471570047	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
471571004	1	2	.	.	.	12/01/98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
471631007	1	2	1	.	.	10/01/98	.	01/03/99	3	30%	3	77%	3	71%	3	100%	.	.	3	84%	3	87%	3	94%	.	.	.	.
471631007	2	3	1	.	.	01/01/99	.	12/23/99	.	.	.	.	.	.	3	10%	.	.	3	72%	3	83%	3	90%	.	.	.	.
471650007	1	2	1	.	.	10/01/98	.	01/03/99	3	93%	3	100%	3	94%	3	93%	1	1	3	100%	3	100%	3	94%	.	.	.	.
471650007	2	3	1	.	.	10/01/98	.	01/03/99	6	96%	6	100%	6	100%	6	93%	1	1	3	94%	3	100%	3	90%	.	.	.	.
TEXAS																												
480290034	1	2	1	.	.	01/01/99	10/07/99	04/01/99	.	.	1	24%	1	4%	1	5%	.	.	.	.	.	.	.	.	.	.	.	.
480290052	1	2	1	.	.	01/01/99	.	03/31/99	1	1%	1	18%	.	.	1	23%	.	.	1	47%	1	65%	1	62%	1	63%	.	1
480290053	1	2	1	.	.	10/06/99	.	10/06/99	.	.	.	.	.	.	3	20%	.	.	3	52%	3	80%	3	81%	3	63%	.	1
480290053	3	3	.	.	1	02/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
480290059	3	3	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
480290060	1	2	1	.	.	06/03/00	.	06/05/00	.	.	.	.	.	.	.	.	.	.	.	.	1	26%	1	82%	1	66%	.	.
480370004	1	2	1	.	.	01/06/99	.	02/17/99	6	53%	6	33%	6	47%	6	53%	.	.	3	97%	3	100%	3	94%	3	97%	1	1
480391003	1	2	1	.	.	01/06/99	.	11/26/99	.	.	.	.	.	.	6	7%	.	.	3	58%	3	60%	3	45%	3	75%	.	1
480550062	1	2	1	.	.	01/03/99	.	03/31/99	3	3%	3	23%	3	3%	3	33%	.	.	3	55%	3	87%	3	81%	3	63%	.	1
480610006	3	3	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
480612002	1	2	1	.	.	01/03/99	.	01/07/00	.	.	.	.	.	.	.	.	.	.	3	77%	3	73%	3	87%	3	100%	.	1
480850005	1	2	1	.	.	01/06/99	.	03/13/99	6	13%	6	13%	6	33%	6	40%	.	.	3	87%	3	84%	3	94%	3	94%	1	1
481130020	1	2	1	.	.	01/01/99	.	03/11/99	1	9%	1	40%	1	35%	1	84%	.	.	1	88%	1	85%	1	91%	1	96%	1	1
481130035	1	2	1	.	.	01/03/99	.	01/06/99	3	17%	3	30%	3	45%	3	53%	.	.	3	84%	3	63%	3	100%	3	97%	.	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
481130050	1	2	1	.	.	01/01/99	.	01/01/99	1	13%	1	15%	1	70%	1	30%	.	1	1	29%	1	86%	1	98%	1	97%	.	1
481130057	1	2	1	.	.	01/06/99	.	01/06/99	6	27%	6	7%	6	20%	6	60%	.	.	3	71%	3	74%	3	74%	3	97%	.	1
481130069	1	2	1	.	.	01/01/99	.	03/11/99	1	9%	1	35%	1	26%	1	95%	.	.	1	92%	1	96%	1	98%	1	96%	1	1
481130069	3	3	.	.	1	07/28/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481130069	5	T	.	1	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481130087	1	2	1	.	.	01/03/99	.	01/03/99	3	17%	3	27%	3	29%	3	70%	.	.	3	67%	3	71%	3	71%	3	97%	.	1
481133003	3	3	.	.	1	11/16/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481210034	3	3	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481350003	1	2	1	.	.	01/03/99	.	03/28/99	6	13%	3	23%	3	10%	3	80%	.	.	3	16%	3	57%	3	45%	3	61%	.	.
481350003	3	3	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481350004	3	3	.	.	1	08/16/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481390015	3	3	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481390017	3	3	.	.	1	08/25/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481410002	1	2	1	.	.	01/01/99	.	04/02/99	.	.	1	25%	.	.	1	34%	.	.	1	38%	1	32%	1	76%	1	93%	.	1
481410010	1	2	1	.	.	01/06/99	.	12/02/99	.	.	.	.	.	.	6	33%	.	.	3	52%	3	63%	3	65%	3	43%	.	1
481410037	1	2	1	.	.	01/01/99	.	01/30/99	1	40%	1	37%	1	25%	1	63%	.	1	1	53%	1	62%	1	83%	1	97%	.	1
481410037	3	3	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481410038	1	2	1	.	.	01/06/99	.	12/14/99	.	.	.	.	.	.	6	7%	.	.	3	26%	3	77%	3	81%	3	67%	.	.
481410043	1	2	1	.	.	01/03/99	12/14/99	01/30/99	3	43%	3	30%	3	45%	3	60%	.	.	.	.	.	.	.	.	.	.	.	.
481410044	1	2	1	.	.	01/01/99	.	01/30/99	1	38%	1	53%	1	20%	1	71%	.	1	1	98%	1	96%	1	99%	1	95%	1	1
481410044	5	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481410045	1	2	1	.	.	01/06/99	.	02/05/99	6	13%	6	40%	6	7%	6	47%	.	.	3	90%	3	100%	3	100%	3	100%	1	1
481410053	3	3	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481410053	5	2	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481410057	1	2	1	.	.	01/13/00	.	01/16/00	.	.	.	.	.	.	.	.	.	.	3	84%	3	97%	3	97%	3	100%	1	1
481670014	3	3	.	.	1	03/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
481670014	5	2	1	.	.	08/14/00	.	08/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	37%	3	67%	.	.
481670053	1	2	1	.	.	01/06/99	.	06/05/99	.	.	6	7%	6	7%	6	33%	.	.	3	71%	3	67%	3	84%	3	94%	.	1
481671005	1	2	1	.	.	01/03/99	.	10/15/99	.	.	.	.	.	.	3	43%	.	.	3	68%	3	67%	3	90%	3	97%	.	1
481830001	1	2	1	.	.	01/13/00	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	84%	3	97%	3	94%	3	97%	1	1
482010024	1	2	1	.	.	01/01/99	.	05/15/00	.	.	.	.	.	.	.	.	.	.	.	.	1	31%	1	29%	.	.	.	.
482010024	5	2	1	.	.	08/14/00	.	08/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	45%	3	57%	.	.
482010026	1	2	1	.	.	01/01/99	.	10/26/99	.	.	.	.	.	.	1	15%	.	.	1	74%	1	70%	1	39%	.	.	.	.
482010026	3	3	.	.	1	02/05/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
482010026	5	2	1	.	.	08/14/00	.	08/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	49%	3	63%	.	.
482010051	1	2	1	.	.	01/06/99	.	08/16/99	.	.	.	.	6	27%	6	40%	.	.	3	84%	3	73%	3	81%	3	81%	.	1
482010055	5	2	1	.	.	08/14/00	.	08/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	48%	3	63%	.	.
482010058	1	2	1	.	.	01/06/99	.	08/16/99	.	.	.	.	6	13%	6	13%	.	.	3	55%	3	63%	3	71%	3	77%	.	1
482010062	1	2	1	.	.	01/06/99	.	04/06/99	.	.	6	13%	6	40%	6	53%	.	.	3	84%	3	70%	3	84%	3	82%	.	1
482010803	5	2	1	.	.	08/14/00	.	08/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	48%	3	57%	.	.
482011034	3	3	.	.	1	02/05/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
482011035	1	2	1	.	.	01/01/99	.	04/01/99	.	.	1	15%	1	30%	1	77%	.	.	1	75%	1	63%	1	92%	1	91%	.	1
482011037	1	2	1	.	.	01/03/99	.	08/28/99	.	.	.	.	3	35%	3	70%	.	.	3	82%	3	77%	3	91%	3	79%	1	1
482011039	1	2	1	.	.	01/03/99	.	07/05/99	.	.	.	.	3	6%	3	7%	.	.	3	68%	3	93%	3	42%	.	.	.	.
482011039	3	3	.	.	1	03/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
482011039	5	T	1	1	.	02/09/00	.	08/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	48%	.	.	.	.
482011039	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
482011039	7	T	.	.	.	10/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
482150042	1	2	1	.	.	01/03/99	.	01/07/00	.	.	.	.	.	.	.	.	.	.	3	77%	3	83%	3	90%	3	80%	1	1
482150043	1	2	1	.	.	01/03/99	.	01/13/00	.	.	.	.	.	.	.	.	.	.	3	42%	3	70%	3	94%	3	100%	.	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
482450020	3	3	.	.	.	01/11/01	01/11/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
482450021	1	2	1	.	.	03/06/00	.	03/11/00	.	.	.	.	.	.	.	.	.	.	1	22%	1	15%	1	72%	1	86%	.	1
482450022	1	2	1	.	.	02/24/00	.	03/13/00	.	.	.	.	.	.	.	.	.	.	3	16%	3	33%	3	16%	.	.	.	.
482450022	3	3	.	.	1	02/24/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
482450022	5	2	1	.	.	08/14/00	.	08/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	26%	3	61%	.	.
482570005	3	3	.	.	1	10/04/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
483030001	1	2	1	.	.	01/03/99	.	01/09/99	3	10%	.	.	3	10%	3	57%	.	.	3	90%	3	80%	3	100%	3	97%	1	1
483091002	1	2	1	.	.	01/04/00	.	01/13/00	.	.	.	.	.	.	.	.	.	.	6	47%	6	68%	3	70%	3	76%	.	.
483150050	1	2	1	.	.	01/03/99	.	02/14/99	3	33%	3	23%	3	35%	3	100%	.	.	3	97%	3	100%	3	97%	3	97%	1	1
483390089	1	2	1	.	.	11/05/99	.	11/26/99	.	.	.	.	.	.	6	13%	.	.	3	45%	3	60%	3	42%	.	.	.	.
483390089	3	3	.	.	1	02/16/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
483390089	5	2	1	.	.	08/14/00	.	08/15/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	48%	3	58%	.	.
483550020	1	2	1	.	.	01/03/99	.	01/07/00	.	.	.	.	.	.	.	.	.	.	3	39%	3	63%	3	97%	3	87%	.	1
483550025	3	3	.	.	1	02/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
483550032	1	2	1	.	.	01/06/99	.	01/07/00	.	.	.	.	.	.	.	.	.	.	6	50%	3	53%	3	69%	3	90%	.	.
483611001	1	2	1	.	.	03/13/00	.	03/13/00	.	.	.	.	.	.	.	.	.	.	3	23%	3	30%	3	26%	3	77%	.	.
483750005	1	2	1	.	.	01/03/99	.	05/12/00	.	.	.	.	.	.	.	.	.	.	.	.	3	20%	3	84%	3	83%	.	.
483750005	3	3	.	.	.	03/02/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
484390063	1	2	1	.	.	01/03/99	.	01/30/99	3	27%	3	23%	3	16%	3	83%	.	.	3	68%	3	97%	3	97%	3	97%	.	1
484391002	1	2	1	.	.	01/01/99	.	03/11/99	1	8%	1	7%	1	17%	1	96%	.	.	1	91%	1	98%	1	95%	1	85%	1	1
484391003	1	2	1	.	.	01/01/99	.	08/14/99	.	.	.	.	1	30%	1	76%	.	.	1	92%	1	73%	1	82%	1	93%	.	1
484393006	1	2	1	.	.	01/01/99	.	02/03/99	1	18%	1	26%	1	30%	1	99%	.	1	1	95%	1	84%	1	92%	1	100%	1	1
484393009	3	3	.	.	1	09/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
484530020	1	2	1	.	.	01/01/99	.	03/12/99	1	8%	1	16%	1	45%	1	85%	.	.	1	96%	1	87%	1	96%	1	91%	1	1
484530021	1	2	1	.	.	09/29/99	.	10/30/99	.	.	.	.	.	.	1	53%	.	.	1	87%	1	93%	1	96%	1	99%	1	1
484790016	1	2	1	.	.	01/06/99	.	08/10/99	.	.	.	.	6	13%	6	60%	.	.	3	81%	3	83%	3	90%	3	93%	1	1
484790017	3	3	.	.	1	02/04/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
UTAH																												
490030003	1	2	1	.	.	08/19/00	.	08/19/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	48%	3	93%	.	.
490050004	1	2	1	.	.	02/18/00	.	02/18/00	.	.	.	.	.	.	.	.	.	.	3	45%	3	97%	3	87%	3	83%	.	1
490110001	1	2	1	.	.	01/01/99	.	01/04/99	3	100%	3	93%	3	94%	3	100%	1	1	3	97%	3	100%	3	97%	3	100%	1	1
490350003	1	2	1	.	.	01/01/98	.	01/03/99	3	97%	3	100%	3	97%	3	100%	1	1	3	87%	3	97%	3	90%	3	93%	1	1
490350012	1	2	1	.	.	01/01/99	.	01/03/99	3	93%	3	93%	3	97%	3	97%	1	1	3	94%	3	90%	3	90%	3	97%	1	1
490353003	1	2	1	.	.	09/09/00	.	09/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	23%	3	73%	.	.
490353006	1	2	1	.	.	01/01/98	.	01/01/99	1	89%	1	92%	1	79%	1	85%	1	1	1	97%	1	89%	1	78%	1	96%	1	1
490353006	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
490353006	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
490353007	1	2	1	.	.	36181	.	36184	3	63%	3	100%	3	97%	3	80%	.	1	3	94%	3	87%	3	100%	3	100%	1	1
490450002	1	2	1	.	.	01/01/99	.	01/03/99	3	63%	3	83%	3	87%	3	97%	.	1	3	97%	3	87%	3	84%	3	100%	1	1
490490002	1	2	1	.	.	01/01/98	.	01/03/99	3	100%	3	100%	3	100%	3	100%	1	1	3	87%	3	100%	3	90%	3	93%	1	1
490494001	1	2	1	.	.	01/01/98	.	01/01/99	1	84%	1	90%	1	99%	1	92%	1	1	1	91%	1	100%	1	90%	1	99%	1	1
490495008	1	2	1	.	.	03/22/00	.	03/22/00	.	.	.	.	.	.	.	.	.	.	3	13%	3	97%	3	100%	3	90%	.	.
490495010	1	2	1	.	.	01/01/99	.	36163	3	97%	3	83%	3	87%	3	97%	1	1	3	94%	3	100%	3	84%	3	97%	1	1
490570001	1	2	1	.	.	01/01/98	36572	36163	3	97%	3	100%	3	97%	3	87%	1	1	3	48%	.	.	.	.	.	.	.	.
490570007	1	2	1	.	.	01/01/99	.	36163	3	80%	3	93%	3	94%	3	80%	1	1	3	81%	3	93%	3	97%	3	93%	1	1
490571003	1	2	1	.	.	11/05/00	.	11/05/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	57%	.	.
VERMONT																												
500030005	1	2	1	.	.	01/03/99	.	01/03/99	3	77%	3	100%	3	90%	3	100%	1	1	3	100%	3	100%	3	94%	3	90%	1	1
500070007	1	2	1	.	.	01/03/99	.	01/03/99	3	83%	3	87%	3	81%	3	93%	1	1	3	81%	3	87%	3	94%	3	93%	1	1
500070012	1	3	1	.	.	07/29/99	.	07/29/99	.	.	.	.	3	71%	3	87%	.	.	3	90%	3	97%	3	100%	3	97%	1	1

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
500070012	2	3	1	.	.	01/07/00	.	01/07/00	.	.	.	.	.	.	.	.	.	.	3	84%	3	93%	3	68%	3	73%	.	1
500070012	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
500210002	1	2	1	.	.	01/03/99	.	01/03/99	3	87%	3	81%	3	77%	3	97%	1	1	3	94%	3	100%	3	84%	3	97%	1	1
500230005	1	3	1	.	.	01/12/99	.	01/12/99	3	87%	3	93%	3	94%	3	97%	1	1	3	91%	3	93%	3	87%	3	93%	1	1
500230005	2	3	1	.	.	01/12/99	36525	01/12/99	3	73%	3	83%	3	65%	3	93%	.	1	.	.	.	.	.	.	.	.	.	.
VIRGIN ISLANDS																												
780010012	1	2	1	.	.	01/12/99	.	01/12/99	6	60%	6	40%	6	33%	6	33%	.	.	6	88%	6	67%	.	.	6	67%	.	.
780050008	1	2	.	.	.	01/01/00	36706	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
780050009	1	2	1	.	.	04/06/00	.	04/06/00	.	.	.	.	.	.	.	.	.	.	.	.	6	53%	.	.	6	7%	.	.
VIRGINIA																												
510130020	1	2	1	.	.	01/01/99	.	01/29/99	3	57%	3	90%	3	97%	3	57%	.	1	3	100%	3	97%	3	100%	3	97%	1	1
510360002	1	2	1	.	.	01/01/99	.	01/30/99	3	63%	3	77%	3	77%	3	50%	.	1	3	74%	3	77%	3	94%	3	97%	.	1
510410003	1	2	1	.	.	01/01/99	.	02/02/99	3	20%	3	53%	3	81%	3	47%	.	.	3	87%	3	97%	3	81%	3	97%	1	1
510590030	1	2	1	.	.	01/01/99	.	01/29/99	1	62%	1	84%	1	71%	1	47%	.	1	1	82%	1	85%	1	93%	1	87%	1	1
510591004	1	2	1	.	.	01/01/99	.	01/30/99	3	50%	3	100%	3	90%	3	43%	.	1	3	58%	3	87%	3	81%	3	73%	.	1
510591004	3	2	.	.	.	11/02/99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
510595001	1	2	1	.	.	01/01/99	.	01/30/99	3	57%	3	77%	3	97%	3	33%	.	.	3	90%	3	93%	3	71%	3	87%	.	1
510870014	1	2	1	.	.	01/01/99	.	01/28/99	3	60%	3	70%	3	81%	3	50%	.	1	3	84%	3	97%	3	97%	3	100%	1	1
510870014	3	2	.	.	.	02/17/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
510870015	1	2	1	.	.	01/01/99	.	01/28/99	3	67%	3	67%	3	77%	6	67%	.	1	3	71%	3	100%	3	90%	3	87%	.	1
511071005	1	2	1	.	.	01/01/99	.	02/05/99	3	63%	3	100%	3	97%	3	60%	.	1	3	97%	3	93%	3	100%	3	87%	1	1
511390004	1	2	1	.	.	10/01/99	.	11/23/99	.	.	.	.	.	.	3	23%	.	.	3	78%	3	83%	3	90%	3	88%	1	1
515200006	1	2	1	.	.	01/01/99	.	01/30/99	3	57%	3	80%	3	77%	3	87%	.	1	3	84%	3	93%	3	84%	3	97%	1	1
515500012	1	2	1	.	.	01/01/99	.	01/31/99	1	59%	1	98%	1	88%	1	51%	.	1	1	74%	1	63%	1	89%	1	85%	.	1
516500004	1	2	1	.	.	01/01/99	.	01/30/99	3	70%	3	94%	3	97%	3	47%	.	1	3	94%	3	100%	3	77%	3	70%	.	1
516500004	3	2	.	.	.	04/12/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
516800014	1	2	1	.	.	01/01/99	.	01/28/99	3	47%	3	73%	3	55%	3	10%	.	.	3	13%	3	47%	3	100%	3	93%	.	.
517000013	1	2	1	.	.	01/01/99	.	02/08/99	1	31%	3	94%	3	97%	3	53%	.	1	3	94%	3	97%	3	97%	3	83%	1	1
517100024	1	2	1	.	.	01/01/99	.	01/30/99	3	57%	3	87%	3	97%	3	47%	.	1	3	90%	3	100%	3	97%	3	97%	1	1
517600020	1	2	1	.	.	01/01/99	.	01/27/99	1	61%	1	92%	1	93%	1	54%	.	1	1	66%	1	98%	1	97%	1	97%	.	1
517600020	5	T	.	.	.	12/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
517700014	1	2	1	.	.	01/01/99	.	02/02/99	3	63%	3	90%	3	65%	3	67%	.	1	3	94%	3	87%	3	100%	3	100%	1	1
517750010	1	2	1	.	.	01/01/99	.	01/30/99	3	63%	3	97%	3	74%	3	53%	.	1	3	90%	3	100%	3	100%	3	93%	1	1
518100008	1	2	1	.	.	01/01/99	.	02/02/99	3	56%	3	94%	3	91%	3	53%	.	1	3	94%	3	100%	3	94%	3	93%	1	1
WASHINGTON																												
530010003	1	3	1	.	.	10/21/00	.	10/21/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	73%	.	.
530050002	1	2	1	.	.	12/16/98	.	02/28/99	3	40%	3	73%	.	.	3	80%	.	.	3	74%	3	87%	3	74%	3	97%	.	1
530050002	3	3	.	.	.	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530090009	1	3	1	.	.	10/03/99	36976	10/03/99	.	.	.	.	.	.	6	93%	.	.	6	100%	6	94%	6	93%	6	88%	1	1
530110013	1	2	1	.	.	11/19/98	.	01/09/99	3	87%	3	93%	3	39%	3	93%	.	1	3	97%	3	90%	3	97%	3	90%	1	1
530110013	3	3	.	.	1	08/14/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530310003	1	3	1	.	.	01/13/00	36976	01/13/00	.	.	.	.	.	.	.	.	.	.	6	82%	6	88%	6	93%	6	94%	1	1
530330004	1	2	1	.	.	12/07/98	36436	01/03/99	3	93%	3	93%	3	87%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530330017	1	2	1	.	.	12/28/98	.	01/03/99	3	57%	3	60%	3	94%	3	93%	.	1	3	87%	3	90%	3	97%	3	80%	1	1
530330017	3	3	.	.	1	03/07/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530330021	1	2	1	.	.	12/23/98	.	01/01/99	1	99%	1	99%	1	100%	1	93%	1	1	1	90%	1	100%	1	96%	1	98%	1	1
530330024	1	2	1	.	.	03/10/99	.	03/10/99	3	27%	3	100%	3	100%	3	90%	.	.	3	94%	3	100%	3	100%	3	83%	1	1
530330024	3	3	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530330027	1	2	1	.	.	08/04/99	.	08/04/99	.	.	.	.	3	52%	3	97%	.	.	3	90%	3	93%	3	91%	3	97%	1	1
530330032	5	T	.	1	.	04/30/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
530330033	1	3	1	.	.	02/09/00	36929	02/09/00	.	.	.	.	.	.	.	.	.	.	3	63%	3	97%	3	97%	3	94%	.	1
530330033	3	3	.	.	1	02/07/00	36929	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530330037	1	2	1	.	.	11/02/00	.	11/02/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	53%	.	.
530330057	1	2	1	.	.	10/17/98	.	01/01/99	1	99%	1	100%	1	92%	1	90%	1	1	1	100%	1	100%	1	88%	1	100%	1	1
530330057	3	3	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530330080	1	2	1	.	.	11/01/98	.	01/03/99	3	93%	3	93%	3	84%	3	91%	1	1	1	98%	1	91%	1	88%	1	95%	1	1
530330080	5	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530330080	6	T	.	1	.	02/09/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530332004	1	2	1	.	.	10/28/98	.	01/03/99	3	90%	3	100%	3	100%	3	97%	1	1	3	29%	.	.	.	.	.	.	.	.
530332004	3	3	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530410006	1	3	1	.	.	01/07/00	.	01/07/00	.	.	.	.	.	.	.	.	.	.	6	69%	6	88%	6	83%	6	81%	.	1
530530029	1	2	1	.	.	10/03/99	.	10/03/99	.	.	.	.	.	.	1	92%	.	.	1	96%	1	99%	1	93%	1	93%	1	1
530530029	3	3	.	.	1	11/02/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530530031	1	2	1	.	.	10/28/98	.	01/01/99	1	96%	1	100%	1	96%	1	96%	1	1	1	100%	1	100%	1	98%	1	98%	1	1
530530031	3	3	.	.	1	08/25/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530531018	1	2	1	.	.	10/28/98	.	01/01/99	1	92%	1	100%	1	99%	1	97%	1	1	3	97%	3	87%	3	94%	3	83%	1	1
530570014	1	3	1	.	.	12/03/99	.	12/14/99	.	.	.	.	.	.	6	20%	.	.	6	88%	6	100%	6	87%	6	93%	1	1
530610005	1	2	1	.	.	10/03/99	.	10/03/99	.	.	.	.	.	.	3	100%	.	.	3	100%	3	100%	3	100%	3	90%	1	1
530610005	3	3	.	.	1	07/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530611007	1	2	1	.	.	10/28/98	.	01/03/99	3	93%	3	100%	3	100%	3	93%	1	1	3	97%	3	100%	3	90%	3	100%	1	1
530611007	3	3	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530630001	1	3	1	.	.	10/03/00	36863	10/03/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	67%	.	.
530630016	1	2	1	.	.	12/19/98	.	01/01/99	1	67%	1	76%	1	61%	1	57%	.	1	1	98%	1	88%	1	97%	1	90%	1	1
530630016	3	3	.	.	1	01/01/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530630047	1	2	1	.	.	12/04/98	.	01/03/99	3	60%	3	91%	3	35%	3	61%	.	1	3	97%	3	100%	3	100%	3	97%	1	1
530630047	3	3	.	.	1	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530639000	1	3	1	.	.	11/07/98	.	01/06/99	6	100%	6	100%	6	93%	6	93%	1	1	6	94%	6	100%	6	100%	3	50%	.	1
530670013	1	2	1	.	.	10/31/98	.	01/03/99	3	93%	3	97%	3	81%	3	90%	1	1	3	100%	3	100%	3	97%	3	100%	1	1
530670013	3	3	.	.	1	08/29/00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530710005	1	3	.	.	.	01/13/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
530730015	1	2	1	.	.	02/05/99	.	02/05/99	3	50%	3	97%	3	81%	3	93%	.	1	3	90%	3	87%	3	87%	3	94%	1	1
530750003	1	3	1	.	.	01/19/00	.	01/19/00	.	.	.	.	.	.	.	.	.	.	6	75%	6	94%	6	93%	6	100%	1	1
530750004	1	3	1	.	.	01/07/00	36922	01/07/00	.	.	.	.	.	.	.	.	.	.	6	94%	6	93%	6	93%	6	93%	1	1
530770009	1	2	1	.	.	05/06/00	.	05/06/00	.	.	.	.	.	.	.	.	.	.	.	.	3	63%	3	100%	3	100%	.	.
530770012	1	2	1	.	.	01/09/99	36403	01/09/99	3	80%	3	70%	3	58%	.	.	.	.	.	.	.	.	.	.	.	.	.	.
WEST VIRGINIA																												
540030003	1	2	1	.	.	02/14/99	.	02/14/99	3	50%	3	70%	3	87%	3	97%	.	1	3	97%	3	100%	3	90%	.	.	.	.
540090005	1	2	1	.	.	01/03/99	.	01/03/99	3	97%	3	90%	3	100%	3	87%	1	1	3	97%	3	93%	3	90%	.	.	.	.
540110006	1	2	1	.	.	01/03/99	.	01/03/99	3	93%	3	100%	3	100%	3	100%	1	1	3	94%	3	100%	3	94%	.	.	.	.
540290011	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	100%	3	100%	3	100%	1	1	3	100%	3	93%	3	97%	.	.	.	.
540290011	2	2	1	.	.	01/03/99	.	01/03/99	3	90%	3	87%	3	84%	3	100%	1	1	3	94%	3	80%	3	97%	.	.	.	.
540291004	1	2	1	.	.	01/03/99	.	01/03/99	3	73%	3	87%	3	77%	3	97%	.	1	3	94%	3	97%	3	90%	.	.	.	.
540330003	1	3	1	.	.	01/03/99	.	01/03/99	3	83%	3	100%	3	90%	3	93%	1	1	3	97%	3	100%	3	87%	.	.	.	.
540390009	1	2	1	.	.	01/03/99	36655	01/03/99	3	87%	3	100%	3	100%	3	100%	1	1	3	94%	3	43%	.	.	.	.	.	.
540390010	1	2	1	.	.	05/12/00	.	05/12/00	.	.	.	.	.	.	.	.	.	.	.	.	3	37%	3	100%	.	.	.	.
540391005	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	97%	3	100%	3	100%	1	1	3	100%	3	100%	3	100%	.	.	.	.
540391005	2	2	1	.	.	01/03/99	.	01/03/99	3	97%	3	80%	3	94%	3	80%	1	1	3	97%	3	100%	3	100%	.	.	.	.
540490006	1	3	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	81%	3	97%	3	81%	.	.	.	.
540511002	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	100%	3	100%	3	100%	1	1	3	90%	3	87%	3	97%	.	.	.	.
540550002	1	3	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	100%	3	100%	3	97%	.	.	.	.

PM2.5 (88101) Data Completeness (as of 4/5/01)

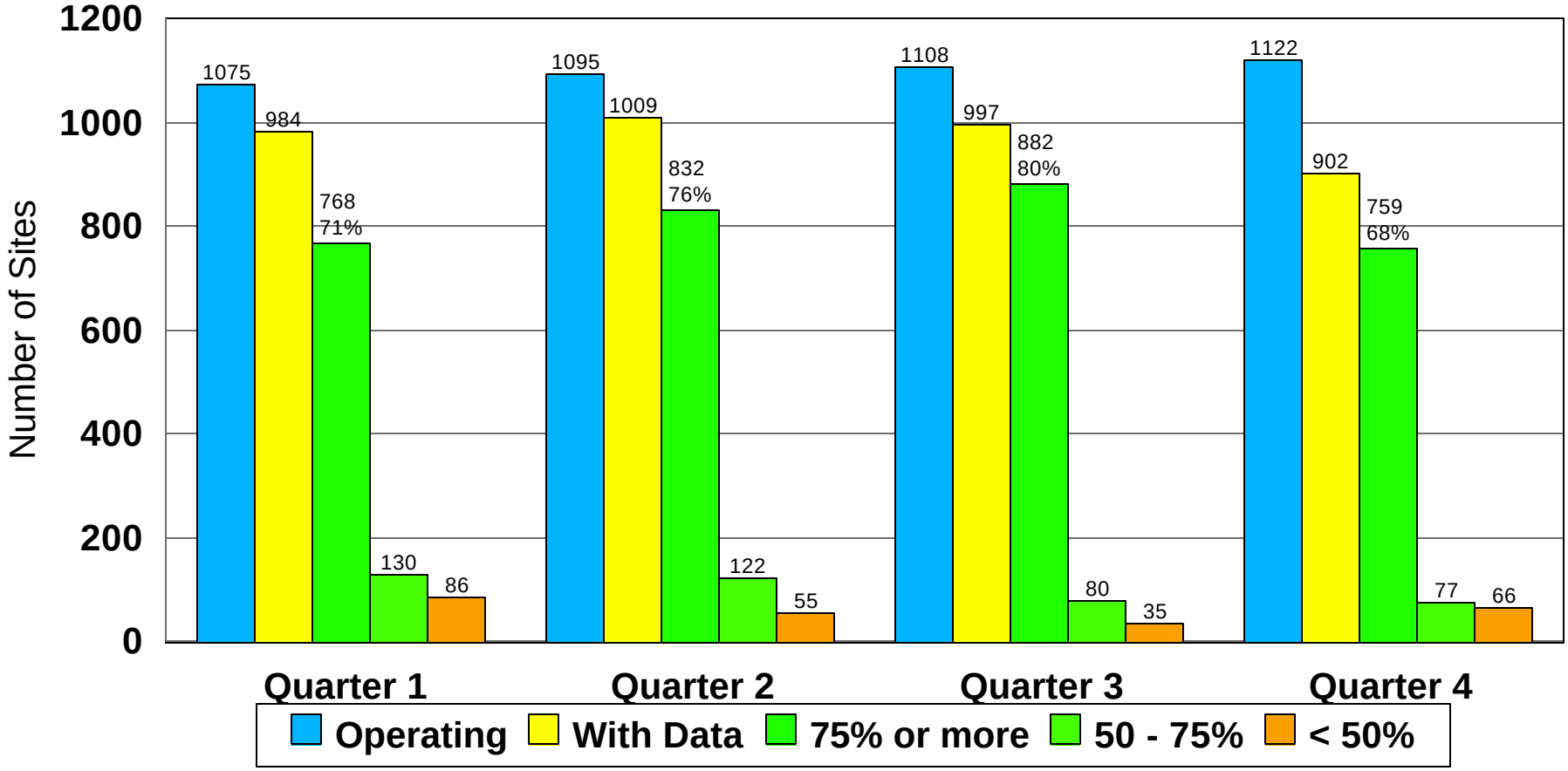
			Data in AIRS?						1999 Information										2000 Information									
STATE / SITE	POC	MT	FRM	Non-FRM Daily	Non-FRM Hourly	Date Sampling Began	Date Sampling Ended	Date of 1st FRM Data Pt	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples	Q1 Freq	Q1%	Q2 Freq	Q2%	Q3 Freq	Q3%	Q4 Freq	Q4%	All 4 Q 75% complete	All 4 Q w/ 11 samples
540610003	1	2	1	.	.	01/03/99	.	01/03/99	3	83%	3	100%	3	94%	3	97%	1	1	3	97%	3	97%	3	94%	.	.	.	.
540690008	1	2	1	.	.	01/03/99	.	01/03/99	3	97%	3	100%	3	87%	3	80%	1	1	3	94%	3	93%	3	97%	.	.	.	.
540810002	1	3	1	.	.	01/03/99	.	01/03/99	3	90%	3	100%	3	97%	3	93%	1	1	3	97%	3	97%	3	94%	.	.	.	.
540890001	1	3	1	.	.	01/03/99	.	01/03/99	3	57%	3	100%	3	84%	3	93%	.	1	3	97%	3	97%	3	90%	.	.	.	.
541071002	1	2	1	.	.	01/03/99	.	01/03/99	3	73%	3	81%	3	90%	3	90%	.	1	3	90%	3	90%	3	94%	.	.	.	.
WISCONSIN																												
550090005	1	2	1	.	.	01/01/99	.	01/21/99	3	74%	3	83%	3	97%	3	87%	.	1	3	78%	3	97%	3	97%	.	.	.	.
550090025	1	3	1	.	.	01/01/99	.	01/03/99	3	83%	3	70%	3	94%	3	90%	.	1	3	94%	3	80%	3	94%	.	.	.	.
550090026	1	2	1	.	.	01/01/99	.	01/03/99	3	71%	3	84%	3	90%	3	97%	.	1	3	91%	3	97%	3	97%	.	.	.	.
550090028	1	2	.	.	.	02/12/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
550250025	1	2	1	.	.	01/03/99	.	01/03/99	3	97%	3	87%	3	78%	3	97%	1	1	3	94%	3	97%	3	90%	.	.	.	.
550250047	1	3	1	.	.	01/03/99	.	01/16/99	3	72%	3	93%	3	97%	3	100%	.	1	3	100%	3	94%	3	100%	.	.	.	.
550270007	1	3	1	.	.	01/06/99	.	01/06/99	6	100%	6	100%	3	94%	3	87%	1	1	3	90%	3	93%	3	100%	.	.	.	.
550290004	1	2	1	.	.	01/01/99	.	01/03/99	3	84%	3	90%	3	94%	3	80%	1	1	3	100%	3	93%	3	97%	.	.	.	.
550310025	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	100%	3	94%	3	87%	1	1	3	87%	3	97%	3	100%	.	.	.	.
550430009	1	3	1	.	.	01/06/99	.	01/06/99	6	93%	6	80%	6	94%	6	100%	1	1	6	75%	6	87%	6	75%	.	.	.	.
550550008	1	3	1	.	.	01/01/99	.	01/03/99	3	90%	3	93%	3	94%	3	82%	1	1	3	94%	3	94%	3	97%	.	.	.	.
550590019	3	2	1	.	.	12/25/98	.	01/03/99	3	97%	3	100%	3	97%	3	97%	1	1	3	100%	3	87%	3	94%	.	.	.	.
550710007	1	2	1	.	.	01/01/99	.	01/03/99	3	90%	3	100%	3	81%	3	90%	1	1	3	97%	3	97%	3	100%	.	.	.	.
550790010	2	2	1	.	.	01/01/99	.	01/05/99	1	92%	1	98%	1	95%	1	97%	1	1	1	96%	1	95%	1	100%	.	.	.	.
550790026	1	2	1	.	.	01/01/99	.	01/01/99	1	97%	1	99%	1	95%	1	90%	1	1	1	90%	1	98%	1	97%	.	.	.	.
550790026	5	T	.	.	.	01/01/01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
550790043	1	2	1	.	.	01/12/99	.	01/21/99	3	70%	3	100%	3	97%	3	87%	.	1	3	90%	3	91%	3	75%	.	.	.	.
550790050	1	2	1	.	.	03/13/99	.	03/13/99	3	20%	3	91%	3	97%	3	100%	.	.	3	94%	3	97%	3	97%	.	.	.	.
550790051	1	2	1	.	.	02/05/99	.	02/05/99	3	63%	3	100%	3	97%	3	93%	.	1	3	87%	3	90%	3	84%	.	.	.	.
550790059	2	2	1	.	.	12/25/98	.	01/03/99	3	80%	3	97%	3	100%	3	97%	1	1	3	90%	3	91%	3	90%	.	.	.	.
550790099	1	2	1	.	.	02/05/99	.	02/05/99	3	66%	3	100%	3	100%	3	100%	.	1	3	100%	3	100%	3	97%	.	.	.	.
550870009	1	2	1	.	.	01/01/99	.	01/03/99	3	93%	3	97%	3	90%	3	97%	1	1	3	94%	3	97%	3	90%	.	.	.	.
550890008	1	2	1	.	.	03/19/99	.	03/25/99	6	13%	3	90%	3	97%	3	97%	.	.	3	81%	3	88%	3	97%	.	.	.	.
551050002	1	2	1	.	.	01/03/99	.	01/03/99	3	100%	3	100%	3	97%	3	100%	1	1	3	97%	3	91%	3	91%	.	.	.	.
551091002	1	3	1	.	.	01/01/99	.	01/09/99	6	87%	6	67%	6	87%	6	93%	.	.	6	75%	6	47%	6	80%	.	.	.	.
551250001	1	3	1	.	.	01/01/99	.	01/06/99	6	93%	6	100%	6	93%	6	94%	1	1	6	94%	6	100%	6	93%	.	.	.	.
551330027	2	2	1	.	.	01/01/99	.	01/03/99	3	93%	3	100%	3	94%	3	97%	1	1	1	96%	1	98%	1	98%	.	.	.	.
551330034	1	2	1	.	.	01/21/99	.	01/21/99	3	77%	3	97%	3	100%	3	100%	1	1	3	100%	3	100%	3	100%	.	.	.	.
551390011	1	2	1	.	.	01/01/99	.	01/03/99	3	93%	3	100%	3	97%	3	87%	1	1	3	94%	3	93%	3	97%	.	.	.	.
551410016	1	2	1	.	.	01/03/99	.	01/03/99	3	93%	3	100%	3	94%	3	87%	1	1	3	97%	3	97%	3	94%	.	.	.	.
WYOMING																												
560131004	1	2	1	.	.	01/01/00	.	01/01/00	.	.	.	.	.	.	.	.	.	.	3	94%	3	90%	3	100%	3	100%	1	1
560210001	1	2	1	.	.	10/15/98	.	01/03/99	3	90%	3	97%	3	77%	3	83%	1	1	3	90%	3	90%	3	94%	3	93%	1	1
560330001	1	2	1	.	.	10/01/98	.	01/03/99	3	100%	3	100%	3	87%	3	100%	1	1	3	100%	3	100%	3	97%	3	100%	1	1
560330002	1	2	1	.	.	10/01/98	.	01/03/99	3	100%	3	93%	3	100%	3	100%	1	1	3	100%	3	100%	3	100%	3	97%	1	1

Attachment IB. Raw Data Completeness Plots

Completeness - Routine FRM

Data Capture by Quarter, 2000

[4/5/01 AIRS Extraction]



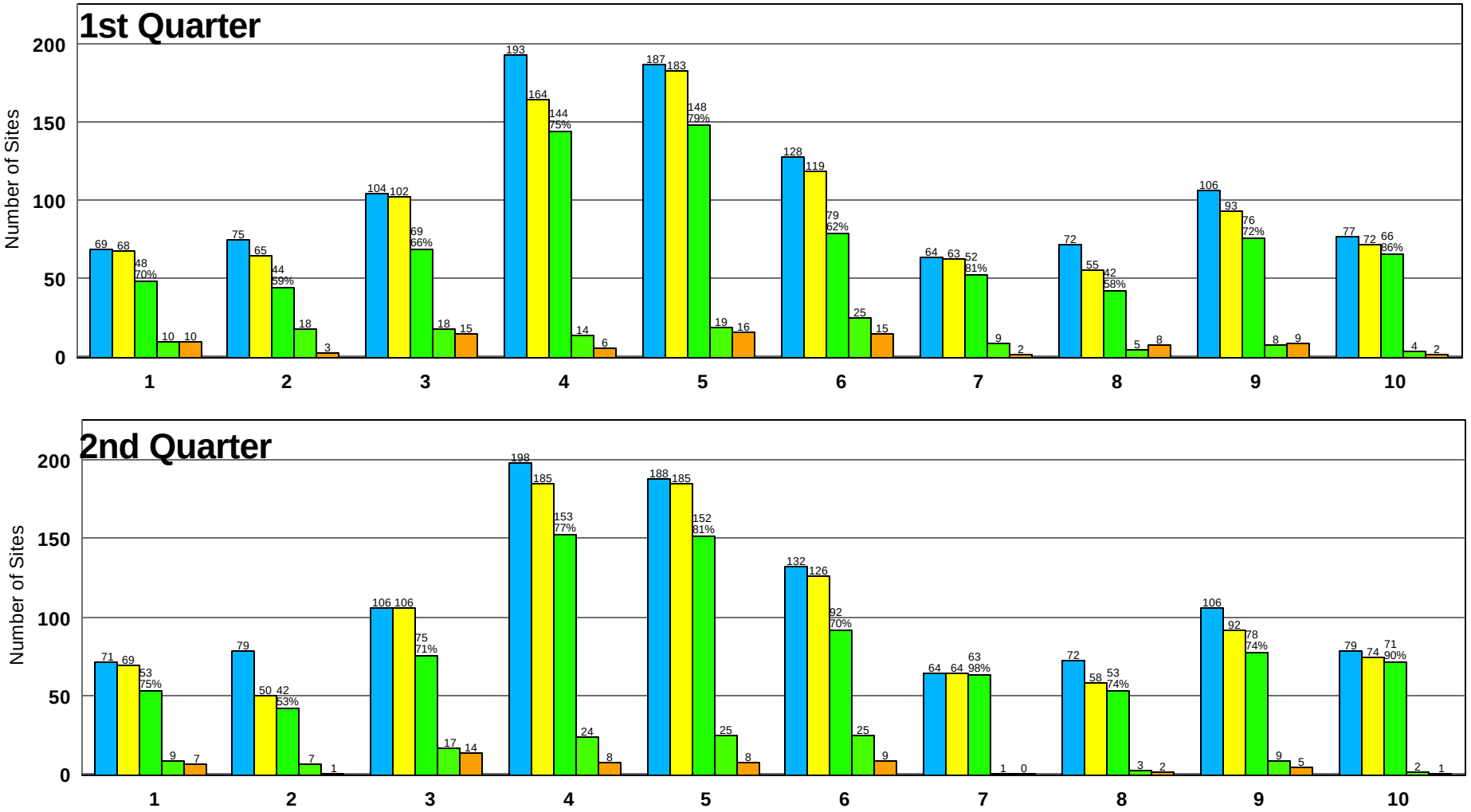
[1063 sites operated in all 4 quarters]

- 503 sites (47% of 1063) have 4 complete quarters (ge 75%).
- 727 sites (68% of 1063) have 11+ samples in each quarter

Completeness - Routine FRM

Data Capture by Region, 2000 Qtr1-Qtr4

[4/5/01 AIRS Extraction]

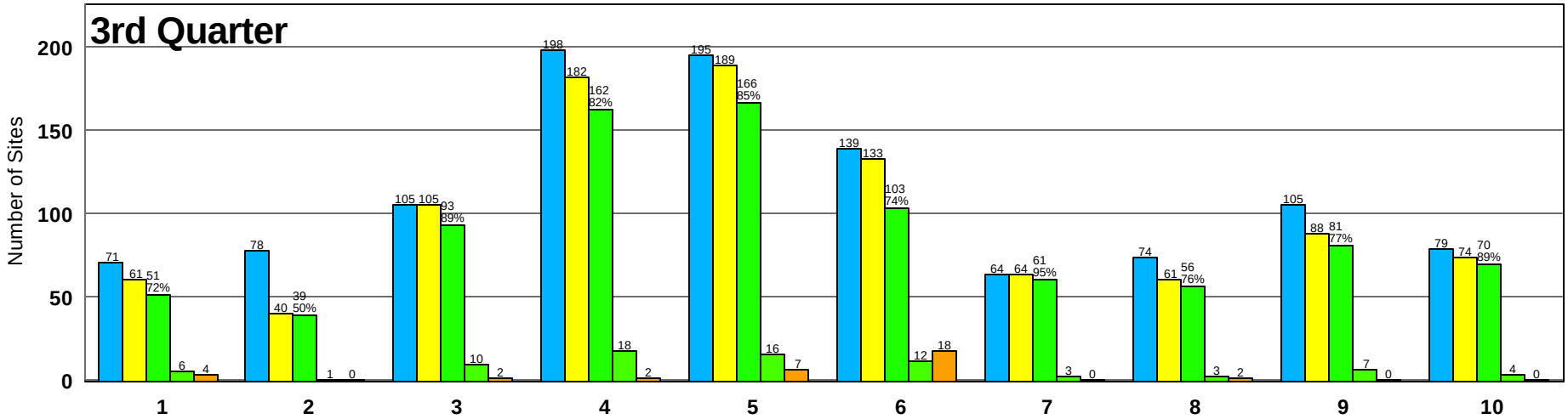


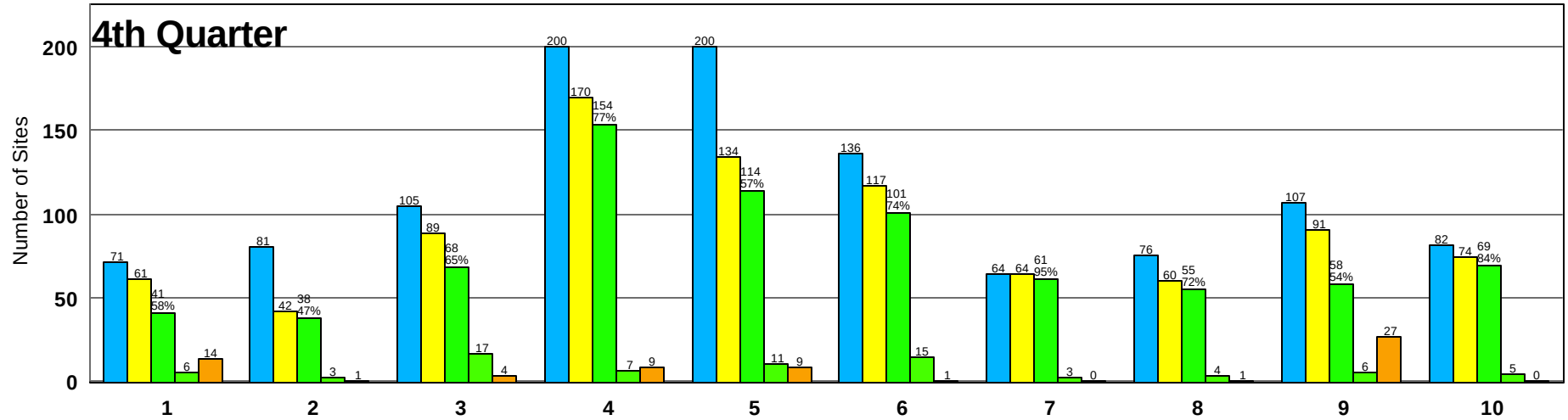
Operating | With Data | 75% or more | 50 - 75% | < 50%

Completeness - Routine FRM

Data Capture by Region, 2000 Qtr1-Qtr4

[4/5/01 AIRS Extraction]





# of sites w/ 4 comp. Quarters	23	20	34	105	70	64	50	38	41	58

Operating | **With Data** | **75% or more** | **50 - 75%** | **< 50%**

Attachment IC. Report on Anomalous Raw Data

What's Learned During PM2.5 FRM Raw 1999/2000 Processing
based on 4/4/01 extraction from AIRS

April 7, 2001
(g:\user\share\eberly\pm_pa\interim_report\report_040401\raw_processing_reflections.wpd)

1. I looked for anomalous concentrations, defined as concentrations <= 0 or > 100. There are no concentrations in either 1999 or 2000 that have a negative concentration. There are about 30 observations with a concentration of 0 in 1999 and about 45 obs in 2000. Zero concentrations seem strange to me. Are these in fact negative concentrations that are truncated to 0? See "**FRM PM2.5 Concentrations <= 0 ug/m3**" for a listing of the site/days with concentrations of 0 reported.

   Regarding concentrations > 100, there are 61 concentrations over 100 ug/m3 in 1999 or 2000, 46 of these being reported by sites in California. About 75% of these high values occurred in 1999. See "**FRM PM2.5 Concentrations > 100 ug/m3 and not a null value code**" for a listing of the site/days with concentrations > 100 ug/m3 reported.

FRM PM2.5 Concentrations <= 0 ug/m3
from 040401 extraction for interval 7, parm 88101

AIRS ID	Date	Method	Reporting Organization	Conc	Flag
010731005	06/21/1999	116	JEFFERSON COUNTY DEPARTMENT OF HEALTH	0	
021100004	03/25/2000	117	ALASKA DEPARTMENT OF ENVIRONMENTAL CONSE	0	
021300008	01/10/2000	117	ALASKA DEPARTMENT OF ENVIRONMENTAL CONSE	0	1
060010007	12/14/1999	120	BAY AREA AIR QUALITY MANAGEMENT DISTRICT	0	
060731007	06/12/2000	120	SAN DIEGO COUNTY AIR POLLUTION CONTROL D	0	
080310002	01/19/1999	118	COLORADO DEPARTMENT OF HEALTH	0	
081010012	03/08/1999	118	COLORADO DEPARTMENT OF HEALTH	0	
081230008	02/15/2000	118	COLORADO DEPARTMENT OF HEALTH	0	
110010041	05/02/1999	120	ENVIRONMENTAL CONTROL DIV.,D. C., DCRA	0	
	08/09/1999	120	ENVIRONMENTAL CONTROL DIV.,D. C., DCRA	0	y
	09/11/2000	120	ENVIRONMENTAL CONTROL DIV.,D. C., DCRA	0	
	12/28/2000	120	ENVIRONMENTAL CONTROL DIV.,D. C., DCRA	0	
110010043	09/02/1999	120	ENVIRONMENTAL CONTROL DIV.,D. C., DCRA	0	
	04/18/2000	120	ENVIRONMENTAL CONTROL DIV.,D. C., DCRA	0	
	04/25/2000	120	ENVIRONMENTAL CONTROL DIV.,D. C., DCRA	0	
121056006	04/21/1999	118	FLORIDA DEPT ENVIRONMENTAL REGULATION, S	0	
130890002	07/02/2000	120	GEORGIA AIR PROTECTION BRANCH AMBIENT MO	0	2
131390003	07/23/2000	120	GEORGIA AIR PROTECTION BRANCH AMBIENT MO	0	
150031001	09/10/2000	120	HAWAII STATE DEPARTMENT OF HEALTH	0	
150090006	11/26/1999	120	HAWAII STATE DEPARTMENT OF HEALTH	0	
191032001	05/06/1999	118	UNIVERSITY HYGENIC LABORATORY	0	
210430500	02/14/1999	118	KENTUCKY DIVISION FOR AIR QUALITY	0	
211010006	03/31/1999	118	KENTUCKY DIVISION FOR AIR QUALITY	0	
211510003	04/12/1999	118	KENTUCKY DIVISION FOR AIR QUALITY	0	1
261630019	08/01/2000	118	MICHIGAN DEPT OF ENVIRONMENTAL QUALITY-A	0	

from 040401 extraction for interval 7, parm 88101

AIRS ID	Date	Method	Reporting Organization	Conc	Flag
271377550	10/03/1999	120	MINNESOTA POLLUTION CONTROL AGENCY, DIVI	0	x
295100007	03/27/2000	118	ST LOUIS CITY DIVISION OF AIR POLLUTION	0	
295100085	03/01/2000	118	ST LOUIS CITY DIVISION OF AIR POLLUTION	0	
295100086	02/24/2000	118	ST LOUIS CITY DIVISION OF AIR POLLUTION	0	
295100087	02/05/2000	118	ST LOUIS CITY DIVISION OF AIR POLLUTION	0	t
	02/16/2000	118	ST LOUIS CITY DIVISION OF AIR POLLUTION	0	
	02/29/2000	118	ST LOUIS CITY DIVISION OF AIR POLLUTION	0	
	03/11/2000	118	ST LOUIS CITY DIVISION OF AIR POLLUTION	0	4
310790003	07/08/1999	118	NEBRASKA DEPARTMENT OF ENVIRONMENTAL CON	0	
311111002	11/08/1999	118	NEBRASKA DEPARTMENT OF ENVIRONMENTAL CON	0	
	11/11/1999	118	NEBRASKA DEPARTMENT OF ENVIRONMENTAL CON	0	
311770002	07/14/1999	118	NEBRASKA DEPARTMENT OF ENVIRONMENTAL CON	0	
330150009	11/17/1999	120	NEW HAMPSHIRE AIR RESOURCES AGENCY	0	6
350010023	03/03/2000	118	ALBUQUERQUE ENVIRONMENTAL HEALTH AND ENE	0	
390617001	01/30/2000	120	SOUTHWESTERN OHIO AIR POLLUTION CONTROL	0	
	01/31/2000	120	SOUTHWESTERN OHIO AIR POLLUTION CONTROL	0	
390950024	05/28/1999	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	07/03/1999	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	05/20/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	x
	11/17/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	12/23/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	12/25/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
390950025	04/30/1999	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	05/06/1999	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	05/09/1999	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	06/02/1999	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	02/18/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	02/21/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
390950026	06/03/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	x
	08/22/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	08/23/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	

from 040401 extraction for interval 7, parm 88101

AIRS ID	Date	Method	Reporting Organization	Conc	Flag
390950026	08/24/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	08/25/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	08/26/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	08/27/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
	12/25/2000	120	CITY OF TOLEDO, ENVIRONMENTAL SERVICES D	0	
391130014	12/25/1999	120	DAYTON REGIONAL AIR POLLUTION CONTROL AG	0	x
391130031	07/25/2000	120	DAYTON REGIONAL AIR POLLUTION CONTROL AG	0	
400970186	04/06/2000	118	OKLAHOMA STATE DEPARTMENT OF HEALTH AIR	0	V
420010001	05/20/2000	118	PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL	0	
420170012	02/12/2000	118	PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL	0	
	05/03/2000	118	PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL	0	
421010136	05/03/1999	120	PHILADELPHIA AIR MANAGEMENT SERVICES	0	
460990007	12/05/2000	120	SOUTH DAKOTA DEPT ENVIRONMENTAL PROTECTI	0	
461030019	12/11/2000	120	SOUTH DAKOTA DEPT ENVIRONMENTAL PROTECTI	0	2
471130004	03/20/2000	118	TENNESSEE DIVISION OF AIR POLLUTION CONT	0	1
471570038	08/04/1999	118	MEMPHIS-SHELBY COUNTY HEALTH DEPARTMENT	0	t
483550020	01/07/2000	118	TEXAS NATURAL RESOURCES CONSERVATION COM	0	V
490570001	08/10/1999	118	UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY	0	

from 040401 extraction for interval 7, parm 88101

AIRS ID	Date	Method	Reporting Organization	Conc	Flag
060190008	01/15/1999	120	CALIFORNIA AIR RESOURCES BOARD	128.0	
	11/14/1999	120	CALIFORNIA AIR RESOURCES BOARD	115.0	
	11/27/1999	120	CALIFORNIA AIR RESOURCES BOARD	120.0	
	11/28/1999	120	CALIFORNIA AIR RESOURCES BOARD	117.0	
	12/17/1999	120	CALIFORNIA AIR RESOURCES BOARD	107.0	t
	12/18/1999	120	CALIFORNIA AIR RESOURCES BOARD	119.0	
	12/19/1999	120	CALIFORNIA AIR RESOURCES BOARD	102.0	t
	12/20/1999	120	CALIFORNIA AIR RESOURCES BOARD	119.0	t
	12/22/1999	120	CALIFORNIA AIR RESOURCES BOARD	132.0	
	12/23/1999	120	CALIFORNIA AIR RESOURCES BOARD	119.0	
	12/24/1999	120	CALIFORNIA AIR RESOURCES BOARD	134.0	
	12/25/1999	120	CALIFORNIA AIR RESOURCES BOARD	131.0	t
	12/26/1999	120	CALIFORNIA AIR RESOURCES BOARD	108.0	
	12/31/1999	120	CALIFORNIA AIR RESOURCES BOARD	136.0	w
	01/01/2000	120	CALIFORNIA AIR RESOURCES BOARD	108.0	
	01/06/2000	120	CALIFORNIA AIR RESOURCES BOARD	112.0	
	01/09/2000	120	CALIFORNIA AIR RESOURCES BOARD	160.0	
	01/10/2000	120	CALIFORNIA AIR RESOURCES BOARD	128.0	w
060290010	11/14/1999	120	VENTURA COUNTY APCD	133.9	
	01/07/2000	120	VENTURA COUNTY APCD	102.5	x
	12/29/2000	120	VENTURA COUNTY APCD	108.1	
060290014	01/14/1999	120	VENTURA COUNTY APCD	109.0	
	01/14/1999	120	VENTURA COUNTY APCD	105.0	
	11/12/1999	120	VENTURA COUNTY APCD	103.2	
	11/13/1999	120	VENTURA COUNTY APCD	134.8	
	11/14/1999	120	VENTURA COUNTY APCD	115.4	x
	11/14/1999	120	VENTURA COUNTY APCD	111.3	
	12/25/1999	120	VENTURA COUNTY APCD	134.1	
	11/21/2000	120	VENTURA COUNTY APCD	107.1	
060472510	12/20/1999	120	VENTURA COUNTY APCD	108.7	
060590001	12/02/2000	120	SOUTH COAST AIR QUALITY MANAGEMENT DISTR	113.9	
060658001	11/05/1999	120	SOUTH COAST AIR QUALITY MANAGEMENT DISTR	111.2	x
	10/19/2000	120	SOUTH COAST AIR QUALITY MANAGEMENT DISTR	100.2	
	10/20/2000	120	SOUTH COAST AIR QUALITY MANAGEMENT DISTR	119.6	x
060670010	08/26/1999	120	CALIFORNIA AIR RESOURCES BOARD	108.0	t
060719004	11/05/1999	120	SOUTH COAST AIR QUALITY MANAGEMENT DISTR	121.4	

AIRS ID	Date	Method	Reporting Organization	Conc	Flag
060771002	12/20/1999	120	CALIFORNIA AIR RESOURCES BOARD	101.0	
060990005	11/29/1999	120	CALIFORNIA AIR RESOURCES BOARD	104.0	w
	12/20/1999	120	CALIFORNIA AIR RESOURCES BOARD	108.0	
061072002	01/15/1999	120	CALIFORNIA AIR RESOURCES BOARD	114.0	
	11/14/1999	120	CALIFORNIA AIR RESOURCES BOARD	121.0	
	11/26/1999	120	CALIFORNIA AIR RESOURCES BOARD	105.0	
	12/17/1999	120	CALIFORNIA AIR RESOURCES BOARD	114.0	
	12/20/1999	120	CALIFORNIA AIR RESOURCES BOARD	123.0	
	01/07/2000	120	CALIFORNIA AIR RESOURCES BOARD	104.0	
	01/10/2000	120	CALIFORNIA AIR RESOURCES BOARD	105.0	
080050005	05/06/1999	118	COLORADO DEPARTMENT OF HEALTH	140.4	
110010041	07/04/2000	120	ENVIRONMENTAL CONTROL DIV.,D. C., DCRA	100.2	
120111002	09/04/1999	118	BROWARD COUNTY ENVIRONMENTAL QUALITY CON	107.9	V
130210007	10/06/1999	120	GEORGIA AIR PROTECTION BRANCH AMBIENT MO	120.0	5
130210012	05/09/1999	120	GEORGIA AIR PROTECTION BRANCH AMBIENT MO	112.3	5
131210032	09/14/1999	120	GEORGIA AIR PROTECTION BRANCH AMBIENT MO	140.0	5
132230003	11/08/1999	120	GEORGIA AIR PROTECTION BRANCH AMBIENT MO	131.0	5
150032004	12/31/1999	120	HAWAII STATE DEPARTMENT OF HEALTH	105.0	
	12/31/2000	120	HAWAII STATE DEPARTMENT OF HEALTH	130.1	2
160050006	12/29/1999	117	IDAHO DEPARTMENT OF HEALTH AND WELFARE-E	109.6	x
160050015	12/26/1999	118	IDAHO DEPARTMENT OF HEALTH AND WELFARE-E	108.7	
	12/29/1999	118	IDAHO DEPARTMENT OF HEALTH AND WELFARE-E	118.8	
180892004	08/31/1999	118	INDIANA DEPART OF ENVIRON MANAGEMENT/OFF	138.3	
410510080	07/04/2000	118	OREGON DEPARTMENT OF ENVIRONMENTAL QUALI	103.7	
482450021	09/03/2000	118	TEXAS NATURAL RESOURCES CONSERVATION COM	127.2	w

Attachment IIA. Table of Completeness of Precision Data

2000 PM2.5 Data Completeness, Precision (as of AIRS 4/5/01)

STATE	SITE	POC	1st Quarter # Precision*	1st Quarter Percent	2nd Quarter # Precision*	2nd Quarter Percent	3rd Quarter # Precision*	3rd Quarter Percent	4th Quarter # Precision*	4th Quarter Percent	Number of Q w/ P data	All 4 Q's Complete
ALABAMA	**Tot. # SLAMS Sites =16; (# w/ data =13); # where Prec. Required (25% of Tot.)= 4; # w/ Prec. Data = 3; # w/ 4 Comp. Q Prec.Data = 1**											
	010890014	1	16 / 16	100.00%	13 / 13	87%	14 / 14	93%	15 / 15	100%	4	1
	010970002	1	0 / 0	0.00%	10 / 10	67%	14 / 14	93%	14 / 14	93%	3	.
	011010007	1	0 / 0	0.00%	9 / 8	53%	15 / 14	93%	15 / 15	100%	3	.
ALASKA	**Tot. # SLAMS Sites = 7; (# w/ data = 7); # where Prec. Required (25% of Tot.)= 2; # w/ Prec. Data = 3; # w/ 4 Comp. Q Prec.Data = 2**											
	020200018	1	11 / 11	73.33%	15 / 15	100%	15 / 15	100%	15 / 15	100%	4	1
	020900010	2	11 / 10	66.67%	14 / 14	93%	14 / 14	93%	15 / 15	100%	4	.
	021100004	2	19 / 14	93.33%	17 / 15	100%	14 / 14	93%	15 / 15	100%	4	1
ARIZONA	**Tot. # SLAMS Sites = 5; (# w/ data = 0); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 1; # w/ 4 Comp. Q Prec.Data = 0**											
	040191028	1	3 / 3	20.00%	11 / 11	73%	9 / 9	60%	0 / 0	0%	3	.
ARKANSAS	**Tot. # SLAMS Sites =21; (# w/ data =20); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 7; # w/ 4 Comp. Q Prec.Data = 1**											
	050010001	1	16 / 16	100.00%	13 / 12	80%	10 / 9	60%	0 / 0	0%	3	.
	050010010	1	. / .	.	. / .	.	3 / 3	20%	8 / 8	53%	2	.
	050310001	1	10 / 10	66.67%	10 / 9	60%	14 / 14	93%	12 / 12	80%	4	.
	050450002	1	. / .	.	10 / 10	67%	14 / 14	93%	14 / 14	93%	3	.
	051190007	1	8 / 8	53.33%	15 / 15	100%	14 / 13	87%	12 / 12	80%	4	.
	051191008	1	10 / 9	60.00%	10 / 10	67%	13 / 13	87%	14 / 13	87%	4	.
	051310008	1	13 / 12	80.00%	14 / 14	93%	14 / 14	93%	12 / 12	80%	4	1
CALIFORNIA	**Tot. # SLAMS Sites =81; (# w/ data =77); # where Prec. Required (25% of Tot.)=20; # w/ Prec. Data =17; # w/ 4 Comp. Q Prec.Data = 5**											
	060170011	1	16 / 16	100.00%	17 / 15	100%	15 / 15	100%	5 / 5	33%	4	.
	060190008	1	13 / 7	46.67%	13 / 10	67%	17 / 15	100%	5 / 4	27%	4	.
	060250005	1	11 / 11	73.33%	14 / 14	93%	11 / 11	73%	11 / 11	73%	4	1
	060271003	1	0 / 0	0.00%	8 / 8	53%	15 / 15	100%	13 / 13	87%	3	.
	060290014	1	13 / 13	86.67%	11 / 11	73%	15 / 15	100%	12 / 12	80%	4	1
	060370002	1	0 / 0	0.00%	0 / 0	0%	0 / 0	0%	1 / 1	7%	1	.
	060371103	1	14 / 14	93.33%	14 / 14	93%	14 / 14	93%	15 / 15	100%	4	1
	060571001	1	15 / 14	93.33%	12 / 11	73%	14 / 13	87%	4 / 4	27%	4	.
	060652002	1	0 / 0	0.00%	9 / 9	60%	14 / 14	93%	14 / 14	93%	3	.
	060658001	1	10 / 10	66.67%	7 / 7	47%	15 / 15	100%	10 / 10	67%	4	.
	060670006	1	15 / 14	93.33%	15 / 15	100%	8 / 8	53%	0 / 0	0%	3	.
	060710014	1	7 / 7	46.67%	11 / 11	73%	0 / 0	0%	0 / 0	0%	2	.
	060712002	1	13 / 13	86.67%	12 / 12	80%	11 / 11	73%	15 / 15	100%	4	1
	060730006	1	11 / 11	73.33%	10 / 10	67%	10 / 10	67%	13 / 13	87%	4	.
	060798001	1	16 / 16	100.00%	15 / 15	100%	12 / 12	80%	11 / 11	73%	4	1
	061010003	1	15 / 15	100.00%	16 / 12	80%	13 / 12	80%	5 / 5	33%	4	.
	061110007	1	15 / 15	100.00%	14 / 14	93%	9 / 9	60%	12 / 12	80%	4	.
COLORADO	**Tot. # SLAMS Sites =13; (# w/ data =13); # where Prec. Required (25% of Tot.)= 3; # w/ Prec. Data = 3; # w/ 4 Comp. Q Prec.Data = 3**											
	080010001	1	16 / 15	100.00%	15 / 15	100%	16 / 15	100%	14 / 14	93%	4	1
	080410011	1	15 / 14	93.33%	11 / 11	73%	16 / 13	87%	14 / 14	93%	4	1
	080770003	1	16 / 16	100.00%	15 / 15	100%	16 / 15	100%	15 / 15	100%	4	1
CONNECTICUT	**Tot. # SLAMS Sites =10; (# w/ data =10); # where Prec. Required (25% of Tot.)= 3; # w/ Prec. Data = 4; # w/ 4 Comp. Q Prec.Data = 4**											
	090010010	1	23 / 14	93.33%	17 / 14	93%	15 / 15	100%	14 / 11	73%	4	1
	090090018	1	24 / 14	93.33%	11 / 11	73%	14 / 13	87%	15 / 15	100%	4	1
	090091123	1	25 / 15	100.00%	15 / 15	100%	15 / 15	100%	14 / 14	93%	4	1
	090092123	1	21 / 12	80.00%	12 / 12	80%	15 / 15	100%	14 / 14	93%	4	1
DELAWARE	**Tot. # SLAMS Sites = 7; (# w/ data = 7); # where Prec. Required (25% of Tot.)= 2; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 2**											
	100031012	1	17 / 14	93.33%	16 / 12	80%	17 / 15	100%	56 / 12	80%	4	1
	100032004	1	26 / 14	93.33%	34 / 14	93%	26 / 13	87%	19 / 14	93%	4	1
DISTRICT OF COI	**Tot. # SLAMS Sites = 3; (# w/ data = 3); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 0**											
	110010041	1	13 / 5	33.33%	10 / 10	67%	9 / 8	53%	11 / 7	47%	4	.
	110010043	1	8 / 3	20.00%	3 / 3	20%	2 / 1	7%	1 / 1	7%	4	.
FLORIDA	**Tot. # SLAMS Sites =28; (# w/ data =26); # where Prec. Required (25% of Tot.)= 7; # w/ Prec. Data =14; # w/ 4 Comp. Q Prec.Data = 5**											
	120010023	1	15 / 14	93.33%	13 / 13	87%	15 / 15	100%	0 / 0	0%	3	.
	120111002	1	14 / 14	93.33%	14 / 14	93%	15 / 15	100%	14 / 14	93%	4	1
	120170005	1	0 / 0	0.00%	0 / 0	0%	0 / 0	0%	24 / 12	80%	1	.
	120310099	1	12 / 9	60.00%	6 / 5	33%	0 / 0	0%	12 / 10	67%	3	.
	120330004	1	14 / 14	93.33%	13 / 13	87%	0 / 0	0%	0 / 0	0%	2	.
	120570030	1	14 / 14	93.33%	13 / 13	87%	14 / 14	93%	14 / 14	93%	4	1
	120710005	1	11 / 10	66.67%	18 / 10	67%	20 / 12	80%	28 / 15	100%	4	.
	120952002	1	16 / 16	100.00%	14 / 13	87%	15 / 15	100%	14 / 14	93%	4	1
	120992003	1	13 / 13	86.67%	0 / 0	0%	11 / 11	73%	15 / 15	100%	3	.
	121030018	1	13 / 13	86.67%	13 / 13	87%	14 / 14	93%	13 / 13	87%	4	1
	121056006	1	11 / 11	73.33%	11 / 11	73%	10 / 10	67%	13 / 13	87%	4	.
	121111002	1	10 / 10	66.67%	13 / 13	87%	11 / 11	73%	11 / 11	73%	4	.
	121150013	1	16 / 16	100.00%	10 / 10	67%	12 / 12	80%	15 / 15	100%	4	.
	121171002	1	14 / 14	93.33%	14 / 14	93%	15 / 15	100%	15 / 14	93%	4	1
GEORGIA	**Tot. # SLAMS Sites =23; (# w/ data =23); # where Prec. Required (25% of Tot.)= 6; # w/ Prec. Data = 6; # w/ 4 Comp. Q Prec.Data = 0**											
	130210007	1	13 / 13	86.67%	10 / 10	67%	8 / 8	53%	8 / 8	53%	4	.
	130510017	1	14 / 14	93.33%	8 / 8	53%	6 / 6	40%	9 / 9	60%	4	.
	130892001	1	11 / 11	73.33%	13 / 13	87%	4 / 4	27%	11 / 11	73%	4	.
	131210032	1	10 / 10	66.67%	9 / 8	53%	7 / 7	47%	9 / 9	60%	4	.
	132150001	1	12 / 12	80.00%	10 / 10	67%	13 / 13	87%	9 / 9	60%	4	.

* Total number of precision records reported / Number reported on dominant 6-day schedule

STATE	SITE	POC	1st Quarter # Precision*	1st Quarter Percent	2nd Quarter # Precision*	2nd Quarter Percent	3rd Quarter # Precision*	3rd Quarter Percent	4th Quarter # Precision*	4th Quarter Percent	Number of Q w/ P data	All 4 Q's Complete
	132450005	1	4 / 4	26.67%	8 / 8	53%	8 / 8	53%	9 / 9	60%	4	.
HAWAII	**Tot. # SLAMS Sites = 5; (# w/ data = 5); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 1**											
	150031001	1	13 / 13	86.67%	12 / 12	80%	15 / 15	100%	12 / 12	80%	4	1
	150032004	1	14 / 14	93.33%	12 / 12	80%	13 / 11	73%	10 / 7	47%	4	.
IDAHO	**Tot. # SLAMS Sites = 8; (# w/ data = 7); # where Prec. Required (25% of Tot.)= 2; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 1**											
	160270004	2	. / .	.	. / .	.	6 / 6	40%	15 / 15	100%	2	.
	160550006	2	13 / 13	86.67%	14 / 14	93%	14 / 14	93%	14 / 14	93%	4	1
ILLINOIS	**Tot. # SLAMS Sites =35; (# w/ data =35); # where Prec. Required (25% of Tot.)= 9; # w/ Prec. Data = 9; # w/ 4 Comp. Q Prec.Data = 1**											
	170310050	1	11 / 11	73.33%	13 / 13	87%	13 / 13	87%	2 / 2	13%	4	.
	170310052	1	11 / 11	73.33%	12 / 12	80%	13 / 13	87%	11 / 11	73%	4	1
	170313301	1	11 / 11	73.33%	9 / 9	60%	12 / 12	80%	12 / 12	80%	4	.
	170314201	1	11 / 11	73.33%	9 / 9	60%	11 / 11	73%	11 / 11	73%	4	.
	171150013	1	13 / 13	86.67%	13 / 13	87%	9 / 9	60%	12 / 12	80%	4	.
	171191007	1	11 / 11	73.33%	14 / 14	93%	9 / 9	60%	12 / 12	80%	4	.
	171193007	1	14 / 14	93.33%	14 / 14	93%	12 / 12	80%	10 / 10	67%	4	.
	171430037	1	13 / 13	86.67%	1 / 1	7%	6 / 6	40%	11 / 11	73%	4	.
	171610003	1	10 / 10	66.67%	11 / 11	73%	14 / 14	93%	7 / 7	47%	4	.
INDIANA	**Tot. # SLAMS Sites =40; (# w/ data = 7); # where Prec. Required (25% of Tot.)=10; # w/ Prec. Data =10; # w/ 4 Comp. Q Prec.Data = 9**											
	180030004	1	16 / 16	100.00%	12 / 12	80%	15 / 15	100%	13 / 13	87%	4	1
	180431004	1	14 / 14	93.33%	14 / 14	93%	15 / 15	100%	13 / 13	87%	4	1
	180891016	1	16 / 16	100.00%	13 / 13	87%	12 / 12	80%	10 / 10	67%	4	.
	180950009	1	13 / 13	86.67%	13 / 13	87%	14 / 14	93%	13 / 13	87%	4	1
	180970081	1	13 / 13	86.67%	14 / 14	93%	13 / 13	87%	13 / 13	87%	4	1
	180970083	1	15 / 15	100.00%	14 / 14	93%	14 / 14	93%	17 / 15	100%	4	1
	181411008	1	13 / 12	80.00%	13 / 13	87%	14 / 14	93%	14 / 14	93%	4	1
	181570007	1	14 / 14	93.33%	14 / 14	93%	14 / 14	93%	11 / 11	73%	4	1
	181630006	1	13 / 13	86.67%	14 / 14	93%	14 / 14	93%	12 / 12	80%	4	1
	181670023	1	15 / 15	100.00%	14 / 14	93%	15 / 15	100%	15 / 15	100%	4	1
IOWA	**Tot. # SLAMS Sites =17; (# w/ data =17); # where Prec. Required (25% of Tot.)= 4; # w/ Prec. Data = 5; # w/ 4 Comp. Q Prec.Data = 2**											
	190450021	1	25 / 13	86.67%	30 / 15	100%	27 / 14	93%	30 / 15	100%	4	1
	191130037	1	15 / 4	26.67%	16 / 4	27%	22 / 6	40%	16 / 5	33%	4	.
	191532520	1	21 / 7	46.67%	21 / 7	47%	20 / 8	53%	20 / 8	53%	4	.
	191550009	1	22 / 12	80.00%	29 / 15	100%	26 / 13	87%	23 / 12	80%	4	1
	191630015	2	22 / 8	53.33%	21 / 8	53%	23 / 8	53%	19 / 7	47%	4	.
KANSAS	**Tot. # SLAMS Sites =12; (# w/ data =12); # where Prec. Required (25% of Tot.)= 3; # w/ Prec. Data = 4; # w/ 4 Comp. Q Prec.Data = 4**											
	200910007	1	16 / 16	100.00%	15 / 15	100%	12 / 12	80%	15 / 15	100%	4	1
	201070002	1	16 / 16	100.00%	15 / 15	100%	13 / 13	87%	15 / 15	100%	4	1
	201730010	1	13 / 13	86.67%	15 / 15	100%	15 / 15	100%	15 / 15	100%	4	1
	202090021	1	16 / 16	100.00%	15 / 15	100%	15 / 15	100%	14 / 14	93%	4	1
KENTUCKY	**Tot. # SLAMS Sites =19; (# w/ data =19); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 6; # w/ 4 Comp. Q Prec.Data = 3**											
	210190017	1	12 / 12	80.00%	9 / 7	47%	15 / 15	100%	15 / 15	100%	4	.
	210590014	1	0 / 0	0.00%	10 / 10	67%	14 / 14	93%	14 / 14	93%	3	.
	210670012	1	14 / 14	93.33%	13 / 13	87%	12 / 12	80%	14 / 14	93%	4	1
	211110043	1	11 / 11	73.33%	14 / 14	93%	12 / 12	80%	11 / 11	73%	4	1
	211950002	1	9 / 9	60.00%	12 / 12	80%	15 / 15	100%	12 / 12	80%	4	.
	212270007	1	15 / 15	100.00%	15 / 15	100%	13 / 13	87%	14 / 14	93%	4	1
LOUISIANA	**Tot. # SLAMS Sites =21; (# w/ data =21); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 4; # w/ 4 Comp. Q Prec.Data = 4**											
	220171002	1	16 / 16	100.00%	14 / 14	93%	11 / 11	73%	13 / 13	87%	4	1
	220330009	1	16 / 15	100.00%	15 / 15	100%	13 / 13	87%	12 / 12	80%	4	1
	220550005	1	15 / 15	100.00%	11 / 11	73%	14 / 14	93%	14 / 14	93%	4	1
	220710012	1	14 / 14	93.33%	15 / 14	93%	12 / 12	80%	12 / 12	80%	4	1
MAINE	**Tot. # SLAMS Sites = 5; (# w/ data = 5); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 3; # w/ 4 Comp. Q Prec.Data = 1**											
	230030013	1	14 / 14	93.33%	13 / 13	87%	14 / 14	93%	0 / 0	0%	3	.
	230050027	1	14 / 14	93.33%	14 / 14	93%	14 / 14	93%	11 / 11	73%	4	1
	230190002	1	15 / 13	86.67%	9 / 8	53%	9 / 9	60%	12 / 12	80%	4	.
MARYLAND	**Tot. # SLAMS Sites =18; (# w/ data =18); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 3; # w/ 4 Comp. Q Prec.Data = 0**											
	240032002	1	0 / 0	0.00%	17 / 10	67%	28 / 15	100%	8 / 4	27%	3	.
	240330001	1	0 / 0	0.00%	18 / 9	60%	24 / 13	87%	17 / 9	60%	3	.
	245100035	1	7 / 4	26.67%	11 / 5	33%	34 / 16	100%	19 / 8	53%	4	.
MASSACHUSETT	**Tot. # SLAMS Sites =21; (# w/ data =21); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 5; # w/ 4 Comp. Q Prec.Data = 0**											
	250130016	1	22 / 11	73.33%	30 / 15	100%	26 / 13	87%	14 / 8	53%	4	.
	250210007	1	28 / 15	100.00%	26 / 13	87%	4 / 2	13%	0 / 0	0%	3	.
	250230004	1	4 / 2	13.33%	29 / 15	100%	29 / 16	100%	28 / 15	100%	4	.
	250250027	1	6 / 3	20.00%	14 / 7	47%	11 / 6	40%	0 / 0	0%	3	.
	250270020	1	17 / 8	53.33%	24 / 13	87%	29 / 16	100%	19 / 10	67%	4	.
MICHIGAN	**Tot. # SLAMS Sites =25; (# w/ data =24); # where Prec. Required (25% of Tot.)= 6; # w/ Prec. Data = 6; # w/ 4 Comp. Q Prec.Data = 4**											
	260650012	1	29 / 15	100.00%	22 / 12	80%	25 / 13	87%	15 / 12	80%	4	1
	260770008	1	24 / 13	86.67%	27 / 14	93%	30 / 16	100%	28 / 13	87%	4	1
	260810020	1	15 / 15	100.00%	14 / 14	93%	12 / 12	80%	13 / 13	87%	4	1
	261210040	1	16 / 16	100.00%	14 / 14	93%	13 / 13	87%	14 / 14	93%	4	1
	261450018	1	7 / 4	26.67%	18 / 9	60%	28 / 15	100%	11 / 10	67%	4	.
	261630001	1	12 / 12	80.00%	11 / 10	67%	14 / 14	93%	14 / 14	93%	4	.

* Total number of precision records reported / Number reported on dominant 6-day schedule

2000 PM2.5 Data Completeness, Precision (as of AIRS 4/5/01)

STATE	SITE	POC	1st Quarter # Precision*	1st Quarter Percent	2nd Quarter # Precision*	2nd Quarter Percent	3rd Quarter # Precision*	3rd Quarter Percent	4th Quarter # Precision*	4th Quarter Percent	Number of Q w/ P data	All 4 Q's Complete
MINNESOTA	**Tot. # SLAMS Sites =16; (# w/ data =16); # where Prec. Required (25% of Tot.)= 4; # w/ Prec. Data = 4; # w/ 4 Comp. Q Prec.Data = 0**											
	270530960	1	1 / 1	6.67%	0 / 0	0%	0 / 0	0%	0 / 0	0%	1	.
	271230866	1	15 / 14	93.33%	8 / 8	53%	7 / 7	47%	10 / 10	67%	4	.
	271230868	1	15 / 14	93.33%	7 / 7	47%	9 / 9	60%	0 / 0	0%	3	.
	271377550	1	13 / 13	86.67%	10 / 10	67%	14 / 14	93%	11 / 11	73%	4	.
MISSISSIPPI	**Tot. # SLAMS Sites =16; (# w/ data =16); # where Prec. Required (25% of Tot.)= 4; # w/ Prec. Data = 4; # w/ 4 Comp. Q Prec.Data = 0**											
	280330002	1	12 / 12	80.00%	13 / 13	87%	15 / 15	100%	5 / 5	33%	4	.
	280350004	1	14 / 14	93.33%	15 / 15	100%	14 / 14	93%	4 / 4	27%	4	.
	280670002	1	0 / 0	0.00%	7 / 7	47%	15 / 15	100%	4 / 4	27%	3	.
	281210001	1	9 / 9	60.00%	8 / 8	53%	11 / 11	73%	5 / 5	33%	4	.
MISSOURI	**Tot. # SLAMS Sites =18; (# w/ data =18); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 7; # w/ 4 Comp. Q Prec.Data = 7**											
	290210010	1	30 / 16	100.00%	28 / 15	100%	30 / 15	100%	29 / 15	100%	4	1
	290470026	1	15 / 15	100.00%	15 / 15	100%	14 / 14	93%	14 / 14	93%	4	1
	290770032	1	14 / 14	93.33%	14 / 14	93%	15 / 15	100%	15 / 15	100%	4	1
	290952002	1	16 / 16	100.00%	15 / 15	100%	15 / 15	100%	15 / 15	100%	4	1
	291831002	1	26 / 14	93.33%	27 / 14	93%	31 / 16	100%	29 / 15	100%	4	1
	291892003	1	15 / 15	100.00%	13 / 13	87%	15 / 15	100%	13 / 13	87%	4	1
	295100085	1	88 / 15	100.00%	84 / 15	100%	91 / 16	100%	74 / 14	93%	4	1
MONTANA	**Tot. # SLAMS Sites = 7; (# w/ data = 0); # where Prec. Required (25% of Tot.)= 2; # w/ Prec. Data = 0; # w/ 4 Comp. Q Prec.Data = 0**											
NEBRASKA	**Tot. # SLAMS Sites =13; (# w/ data =13); # where Prec. Required (25% of Tot.)= 3; # w/ Prec. Data = 4; # w/ 4 Comp. Q Prec.Data = 0**											
	310550019	1	12 / 12	80.00%	10 / 10	67%	13 / 13	87%	10 / 10	67%	4	.
	310550052	1	12 / 12	80.00%	5 / 5	33%	7 / 7	47%	3 / 3	20%	4	.
	311090022	1	12 / 12	80.00%	11 / 10	67%	12 / 12	80%	11 / 11	73%	4	.
	311530007	1	6 / 6	40.00%	12 / 11	73%	8 / 7	47%	15 / 15	100%	4	.
NEVADA	**Tot. # SLAMS Sites = 8; (# w/ data = 7); # where Prec. Required (25% of Tot.)= 2; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 1**											
	320030560	1	16 / 16	100.00%	15 / 15	100%	15 / 15	100%	15 / 15	100%	4	1
	320310016	1	18 / 16	100.00%	18 / 14	93%	19 / 15	100%	0 / 0	0%	3	.
NEW HAMPSHIRI	**Tot. # SLAMS Sites = 8; (# w/ data = 0); # where Prec. Required (25% of Tot.)= 2; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 0**											
	330070014	1	5 / 5	33.33%	5 / 5	33%	0 / 0	0%	0 / 0	0%	2	.
	330110019	1	10 / 10	66.67%	7 / 7	47%	0 / 0	0%	0 / 0	0%	2	.
NEW JERSEY	**Tot. # SLAMS Sites =19; (# w/ data = 0); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 3; # w/ 4 Comp. Q Prec.Data = 0**											
	340070003	1	14 / 14	93.33%	0 / 0	0%	0 / 0	0%	0 / 0	0%	1	.
	340171003	1	9 / 7	46.67%	0 / 0	0%	0 / 0	0%	0 / 0	0%	1	.
	340390004	1	13 / 13	86.67%	0 / 0	0%	0 / 0	0%	0 / 0	0%	1	.
NEW MEXICO	**Tot. # SLAMS Sites = 3; (# w/ data = 2); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 1**											
	350010023	1	74 / 14	93.33%	82 / 15	100%	74 / 13	87%	76 / 14	93%	4	1
	350010024	1	0 / 0	0.00%	1 / 1	7%	0 / 0	0%	2 / 1	7%	2	.
NEW YORK	**Tot. # SLAMS Sites =50; (# w/ data =40); # where Prec. Required (25% of Tot.)=13; # w/ Prec. Data = 8; # w/ 4 Comp. Q Prec.Data = 6**											
	360010005	1	20 / 11	73.33%	24 / 12	80%	29 / 15	100%	28 / 14	93%	4	1
	360050110	1	25 / 13	86.67%	27 / 14	93%	31 / 16	100%	30 / 15	100%	4	1
	360556001	1	19 / 10	66.67%	25 / 13	87%	27 / 15	100%	21 / 11	73%	4	.
	360610056	1	28 / 14	93.33%	28 / 15	100%	29 / 15	100%	28 / 14	93%	4	1
	360610062	1	25 / 14	93.33%	29 / 15	100%	31 / 16	100%	30 / 15	100%	4	1
	360632008	1	27 / 14	93.33%	21 / 12	80%	30 / 15	100%	28 / 14	93%	4	1
	360671015	1	19 / 10	66.67%	22 / 11	73%	28 / 15	100%	28 / 14	93%	4	.
	360810094	1	25 / 13	86.67%	27 / 14	93%	29 / 15	100%	29 / 15	100%	4	1
NORTH CAROLIN	**Tot. # SLAMS Sites =30; (# w/ data =28); # where Prec. Required (25% of Tot.)= 8; # w/ Prec. Data =11; # w/ 4 Comp. Q Prec.Data = 7**											
	370210034	1	19 / 16	100.00%	17 / 10	67%	15 / 12	80%	14 / 13	87%	4	.
	370510009	1	16 / 15	100.00%	13 / 13	87%	15 / 15	100%	13 / 13	87%	4	1
	370670024	1	14 / 14	93.33%	10 / 10	67%	12 / 12	80%	10 / 10	67%	4	.
	370710016	1	13 / 13	86.67%	15 / 15	100%	13 / 13	87%	14 / 14	93%	4	1
	370810009	1	12 / 12	80.00%	11 / 11	73%	13 / 13	87%	12 / 12	80%	4	1
	371190040	1	13 / 13	86.67%	12 / 12	80%	12 / 12	80%	0 / 0	0%	3	.
	371190042	1	. / .	.	. / .	.	2 / 2	13%	14 / 14	93%	2	.
	371210001	1	16 / 12	80.00%	15 / 15	100%	15 / 15	100%	15 / 15	100%	4	1
	371290009	1	11 / 11	73.33%	11 / 11	73%	14 / 14	93%	14 / 14	93%	4	1
	371470005	1	15 / 15	100.00%	14 / 14	93%	15 / 15	100%	11 / 11	73%	4	1
	371830014	1	13 / 13	86.67%	14 / 14	93%	15 / 15	100%	14 / 14	93%	4	1
NORTH DAKOTA	**Tot. # SLAMS Sites = 7; (# w/ data = 7); # where Prec. Required (25% of Tot.)= 2; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 2**											
	380171004	1	29 / 15	100.00%	29 / 15	100%	31 / 16	100%	28 / 14	93%	4	1
	380570004	1	16 / 16	100.00%	15 / 15	100%	14 / 14	93%	15 / 15	100%	4	1
OHIO	**Tot. # SLAMS Sites =46; (# w/ data =44); # where Prec. Required (25% of Tot.)=12; # w/ Prec. Data =12; # w/ 4 Comp. Q Prec.Data = 3**											
	390170003	1	16 / 16	100.00%	15 / 15	100%	15 / 15	100%	15 / 15	100%	4	1
	390490025	1	0 / 0	0.00%	0 / 0	0%	14 / 14	93%	0 / 0	0%	1	.
	390610014	1	16 / 16	100.00%	14 / 14	93%	15 / 15	100%	15 / 15	100%	4	1
	390610041	1	16 / 16	100.00%	15 / 15	100%	15 / 15	100%	5 / 5	33%	4	.
	390811001	1	5 / 5	33.33%	11 / 11	73%	8 / 8	53%	9 / 9	60%	4	.
	390932003	1	0 / 0	0.00%	0 / 0	0%	0 / 0	0%	3 / 3	20%	1	.
	390950024	1	0 / 0	0.00%	0 / 0	0%	10 / 7	47%	5 / 5	33%	2	.
	390990005	1	12 / 12	80.00%	14 / 14	93%	15 / 15	100%	11 / 11	73%	4	1
	391130014	1	0 / 0	0.00%	15 / 10	67%	13 / 13	87%	12 / 11	73%	3	.
	391450013	1	0 / 0	0.00%	0 / 0	0%	4 / 3	20%	10 / 10	67%	2	.

* Total number of precision records reported / Number reported on dominant 6-day schedule

STATE	SITE	POC	1st Quarter # Precision*	1st Quarter Percent	2nd Quarter # Precision*	2nd Quarter Percent	3rd Quarter # Precision*	3rd Quarter Percent	4th Quarter # Precision*	4th Quarter Percent	Number of Q w/ P data	All 4 Q's Complete
	391510017	1	0 / 0	0.00%	14 / 14	93%	14 / 14	93%	15 / 13	87%	3	.
	391530017	1	9 / 8	53.33%	10 / 8	53%	14 / 13	87%	11 / 11	73%	4	.
OKLAHOMA	**Tot. # SLAMS Sites = 4; (# w/ data = 4); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 1; # w/ 4 Comp. Q Prec.Data = 0**											
	401430110	1	14 / 14	93.33%	8 / 8	53%	12 / 12	80%	14 / 14	93%	4	.
OREGON	**Tot. # SLAMS Sites =25; (# w/ data =19); # where Prec. Required (25% of Tot.)= 6; # w/ Prec. Data = 7; # w/ 4 Comp. Q Prec.Data = 3**											
	410290133	1	12 / 12	80.00%	12 / 12	80%	14 / 14	93%	11 / 11	73%	4	1
	410330107	1	12 / 12	80.00%	10 / 10	67%	14 / 14	93%	12 / 12	80%	4	.
	410370001	1	12 / 12	80.00%	14 / 14	93%	12 / 12	80%	14 / 14	93%	4	1
	410390060	1	27 / 14	93.33%	0 / 0	0%	0 / 0	0%	0 / 0	0%	1	.
	410510080	1	15 / 15	100.00%	15 / 15	100%	14 / 14	93%	15 / 14	93%	4	1
	410650007	1	14 / 14	93.33%	10 / 10	67%	13 / 13	87%	14 / 14	93%	4	.
	410671003	1	14 / 14	93.33%	11 / 11	73%	14 / 14	93%	10 / 9	60%	4	.
PENNSYLVANIA	**Tot. # SLAMS Sites =37; (# w/ data =37); # where Prec. Required (25% of Tot.)= 9; # w/ Prec. Data =10; # w/ 4 Comp. Q Prec.Data = 2**											
	420030008	1	8 / 8	53.33%	0 / 0	0%	0 / 0	0%	0 / 0	0%	1	.
	420030064	1	13 / 13	86.67%	0 / 0	0%	0 / 0	0%	0 / 0	0%	1	.
	420031301	1	12 / 9	60.00%	0 / 0	0%	0 / 0	0%	0 / 0	0%	1	.
	420070014	1	12 / 12	80.00%	13 / 13	87%	6 / 6	40%	8 / 8	53%	4	.
	420450002	1	15 / 15	100.00%	11 / 11	73%	10 / 10	67%	12 / 12	80%	4	.
	420692006	1	15 / 14	93.33%	12 / 12	80%	14 / 14	93%	12 / 12	80%	4	1
	420710007	1	14 / 13	86.67%	9 / 9	60%	12 / 12	80%	11 / 11	73%	4	.
	421010004	1	10 / 10	66.67%	4 / 4	27%	11 / 11	73%	11 / 11	73%	4	.
	421250005	1	10 / 10	66.67%	14 / 14	93%	14 / 14	93%	10 / 10	67%	4	.
	421330008	1	14 / 13	86.67%	12 / 12	80%	15 / 15	100%	14 / 14	93%	4	1
PUERTO RICO	**Tot. # SLAMS Sites =10; (# w/ data = 0); # where Prec. Required (25% of Tot.)= 3; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 0**											
	720610005	1	0 / 0	0.00%	6 / 6	40%	11 / 11	73%	0 / 0	0%	2	.
	721270003	1	0 / 0	0.00%	12 / 12	80%	11 / 11	73%	0 / 0	0%	2	.
RHODE ISLAND	**Tot. # SLAMS Sites = .; (# w/ data = 0); # where Prec. Required (25% of Tot.)= .; # w/ Prec. Data = 0; # w/ 4 Comp. Q Prec.Data = 0**											
SOUTH CAROLIN	**Tot. # SLAMS Sites =14; (# w/ data =14); # where Prec. Required (25% of Tot.)= 4; # w/ Prec. Data = 4; # w/ 4 Comp. Q Prec.Data = 2**											
	450190048	1	14 / 14	93.33%	14 / 14	93%	15 / 15	100%	14 / 14	93%	4	1
	450450009	1	16 / 16	100.00%	15 / 15	100%	11 / 11	73%	10 / 10	67%	4	.
	450510002	1	. / .	.	. / .	.	. / .	.	4 / 2	13%	1	.
	450790019	1	28 / 15	100.00%	28 / 15	100%	26 / 13	87%	25 / 13	87%	4	1
SOUTH DAKOTA	**Tot. # SLAMS Sites =11; (# w/ data = 9); # where Prec. Required (25% of Tot.)= 3; # w/ Prec. Data = 3; # w/ 4 Comp. Q Prec.Data = 0**											
	460130003	1	3 / 3	20.00%	7 / 6	40%	14 / 14	93%	14 / 13	87%	4	.
	460990006	1	9 / 9	60.00%	9 / 9	60%	14 / 14	93%	12 / 12	80%	4	.
	461031001	1	5 / 3	20.00%	5 / 5	33%	14 / 13	87%	13 / 13	87%	4	.
TENNESSEE	**Tot. # SLAMS Sites =20; (# w/ data = 6); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 5; # w/ 4 Comp. Q Prec.Data = 0**											
	470370023	1	4 / 4	26.67%	10 / 10	67%	10 / 10	67%	5 / 5	33%	4	.
	470931017	1	14 / 14	93.33%	14 / 14	93%	13 / 13	87%	5 / 5	33%	4	.
	471130004	1	18 / 9	60.00%	28 / 15	100%	23 / 12	80%	0 / 0	0%	3	.
	471631007	1	22 / 11	73.33%	24 / 13	87%	28 / 15	100%	0 / 0	0%	3	.
	471650007	1	29 / 15	100.00%	30 / 15	100%	26 / 13	87%	0 / 0	0%	3	.
TEXAS	**Tot. # SLAMS Sites =55; (# w/ data =50); # where Prec. Required (25% of Tot.)=14; # w/ Prec. Data =13; # w/ 4 Comp. Q Prec.Data = 3**											
	480290060	1	. / .	.	1 / 1	7%	8 / 4	27%	4 / 2	13%	3	.
	481130050	1	5 / 5	33.33%	11 / 11	73%	14 / 14	93%	12 / 12	80%	4	.
	481130069	1	14 / 14	93.33%	12 / 12	80%	15 / 15	100%	14 / 14	93%	4	1
	481410010	1	6 / 6	40.00%	7 / 7	47%	2 / 2	13%	6 / 5	33%	4	.
	481410044	1	8 / 8	53.33%	14 / 14	93%	14 / 14	93%	15 / 15	100%	4	.
	481671005	1	0 / 0	0.00%	0 / 0	0%	4 / 4	27%	10 / 10	67%	2	.
	482010024	1	. / .	.	0 / 0	0%	2 / 2	13%	0 / 0	0%	1	.
	482011035	1	7 / 7	46.67%	5 / 5	33%	10 / 10	67%	10 / 10	67%	4	.
	482450021	1	2 / 2	13.33%	3 / 3	20%	10 / 8	53%	7 / 7	47%	4	.
	483550032	1	1 / 1	6.67%	4 / 4	27%	7 / 7	47%	11 / 11	73%	4	.
	484391002	1	13 / 13	86.67%	11 / 11	73%	12 / 12	80%	14 / 14	93%	4	1
	484393006	1	14 / 14	93.33%	13 / 13	87%	14 / 14	93%	15 / 13	87%	4	1
	484530020	1	10 / 10	66.67%	10 / 10	67%	15 / 15	100%	12 / 11	73%	4	.
UTAH	**Tot. # SLAMS Sites =15; (# w/ data =15); # where Prec. Required (25% of Tot.)= 4; # w/ Prec. Data = 4; # w/ 4 Comp. Q Prec.Data = 1**											
	490110001	1	0 / 0	0.00%	10 / 10	67%	14 / 14	93%	14 / 14	93%	3	.
	490353007	1	2 / 2	13.33%	9 / 8	53%	12 / 12	80%	15 / 15	100%	4	.
	490494001	1	14 / 14	93.33%	14 / 14	93%	11 / 11	73%	15 / 15	100%	4	1
	490570007	1	4 / 4	26.67%	12 / 11	73%	12 / 12	80%	14 / 13	87%	4	.
VERMONT	**Tot. # SLAMS Sites = 3; (# w/ data = 3); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 0; # w/ 4 Comp. Q Prec.Data = 0**											
VIRGIN ISLANDS	**Tot. # SLAMS Sites = 2; (# w/ data = 2); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 0; # w/ 4 Comp. Q Prec.Data = 0**											
VIRGINIA	**Tot. # SLAMS Sites =20; (# w/ data =20); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 3; # w/ 4 Comp. Q Prec.Data = 0**											
	510130020	1	29 / 16	100.00%	29 / 15	100%	30 / 16	100%	0 / 0	0%	3	.
	517100024	1	25 / 13	86.67%	30 / 15	100%	28 / 14	93%	0 / 0	0%	3	.
	517600020	1	41 / 11	73.33%	28 / 15	100%	31 / 16	100%	0 / 0	0%	3	.
WASHINGTON	**Tot. # SLAMS Sites =20; (# w/ data =19); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 5; # w/ 4 Comp. Q Prec.Data = 3**											
	530330057	1	16 / 16	100.00%	15 / 15	100%	14 / 14	93%	15 / 15	100%	4	1
	530530031	1	15 / 14	93.33%	14 / 12	80%	15 / 15	100%	13 / 13	87%	4	1
	530630016	1	16 / 16	100.00%	12 / 12	80%	18 / 11	73%	15 / 12	80%	4	1
	530730015	1	10 / 6	40.00%	12 / 10	67%	13 / 12	80%	8 / 8	53%	4	.

* Total number of precision records reported / Number reported on dominant 6-day schedule

2000 PM2.5 Data Completeness, Precision (as of AIRS 4/5/01)

STATE	SITE	POC	1st Quarter # Precision*	1st Quarter Percent	2nd Quarter # Precision*	2nd Quarter Percent	3rd Quarter # Precision*	3rd Quarter Percent	4th Quarter # Precision*	4th Quarter Percent	Number of Q w/ P data	All 4 Q's Complete
	530770009	1	. / .	.	8 / 8	53%	15 / 15	100%	16 / 14	93%	3	.
WEST VIRGINIA	**Tot. # SLAMS Sites =11; (# w/ data = 0); # where Prec. Required (25% of Tot.)= 3; # w/ Prec. Data = 2; # w/ 4 Comp. Q Prec.Data = 0**											
	540290011	1	29 / 15	100.00%	24 / 13	87%	30 / 15	100%	0 / 0	0%	3	.
	540391005	1	30 / 15	100.00%	30 / 15	100%	31 / 16	100%	0 / 0	0%	3	.
WISCONSIN	**Tot. # SLAMS Sites =21; (# w/ data = 0); # where Prec. Required (25% of Tot.)= 5; # w/ Prec. Data = 6; # w/ 4 Comp. Q Prec.Data = 0**											
	550090005	1	20 / 10	66.67%	29 / 15	100%	29 / 15	100%	0 / 0	0%	3	.
	550250025	1	12 / 6	40.00%	26 / 14	93%	25 / 13	87%	0 / 0	0%	3	.
	550310025	1	27 / 14	93.33%	26 / 13	87%	31 / 16	100%	0 / 0	0%	3	.
	550790026	1	15 / 14	93.33%	15 / 15	100%	15 / 15	100%	0 / 0	0%	3	.
	550790059	2	15 / 15	100.00%	14 / 14	93%	13 / 13	87%	0 / 0	0%	3	.
	551330027	2	16 / 16	100.00%	15 / 15	100%	13 / 13	87%	0 / 0	0%	3	.
WYOMING	**Tot. # SLAMS Sites = 4; (# w/ data = 4); # where Prec. Required (25% of Tot.)= 1; # w/ Prec. Data = 1; # w/ 4 Comp. Q Prec.Data = 1**											
	560330002	1	16 / 16	100.00%	15 / 15	100%	15 / 15	100%	15 / 15	100%	4	1

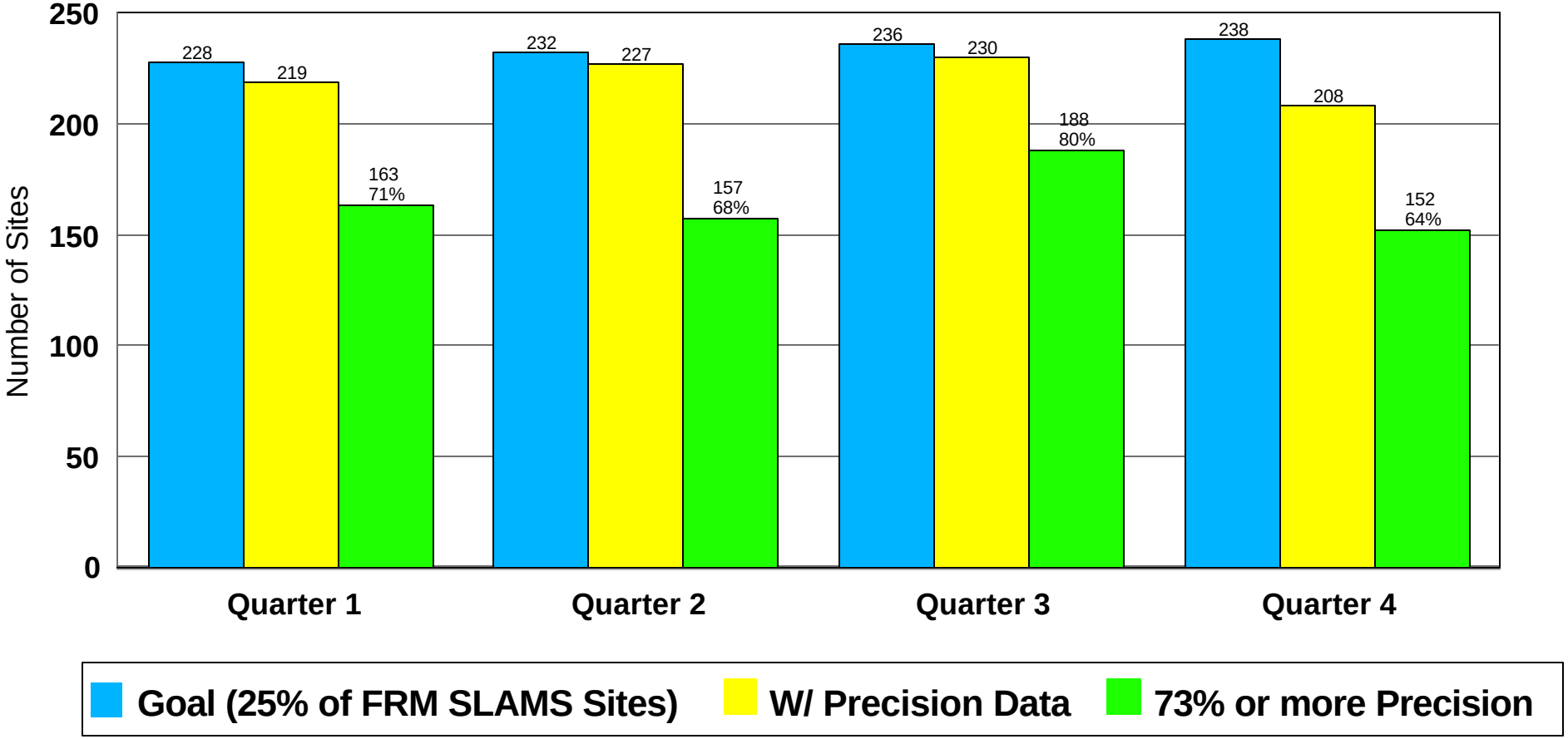
* Total number of precision records reported / Number reported on dominant 6-day schedule

Attachment IIB. Precision Completeness Plots

Completeness - Precision

Data Capture by Quarter, 2000

[4/5/01 AIRS Extraction]

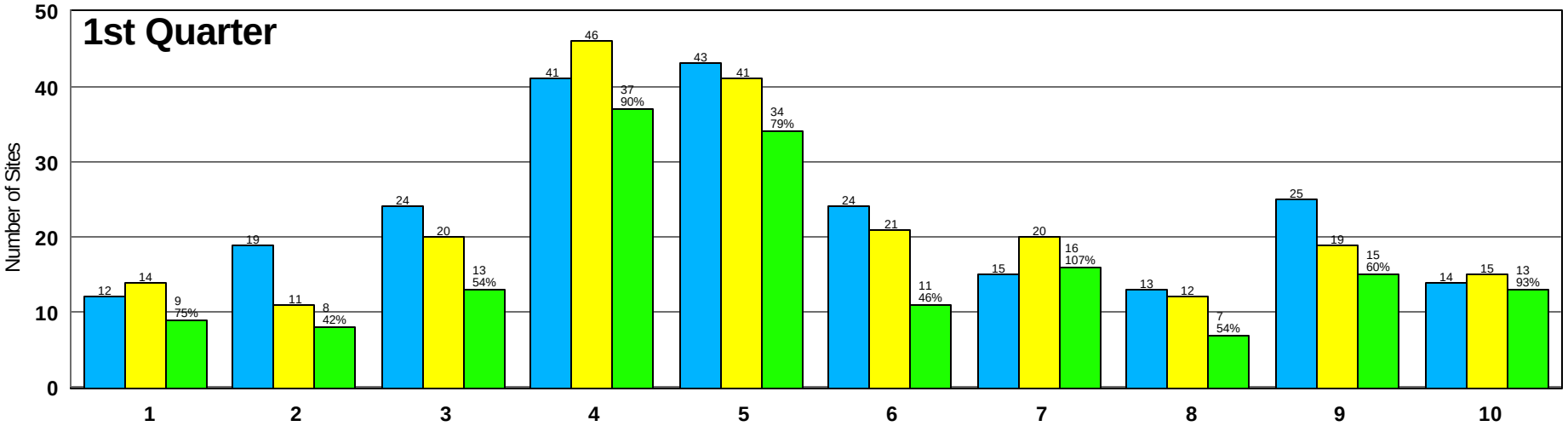


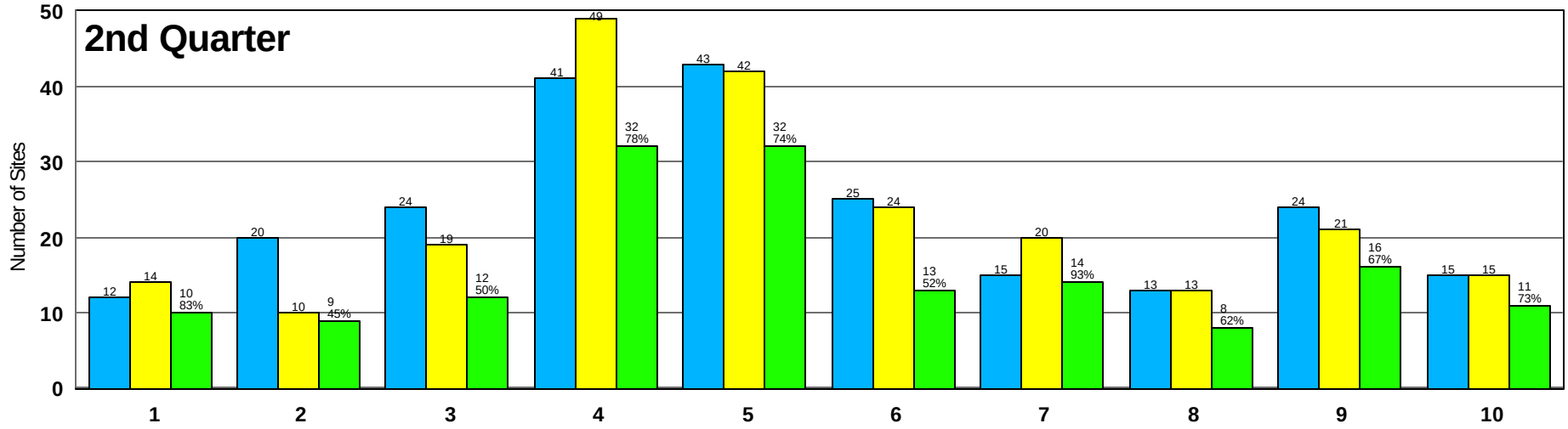
95 sites (40% of goal) have 4 complete quarters (ge 73%).

Completeness - Precision

Data Capture by Region, 2000 Qtr1-Qtr4

[4/5/01 AIRS Extraction]



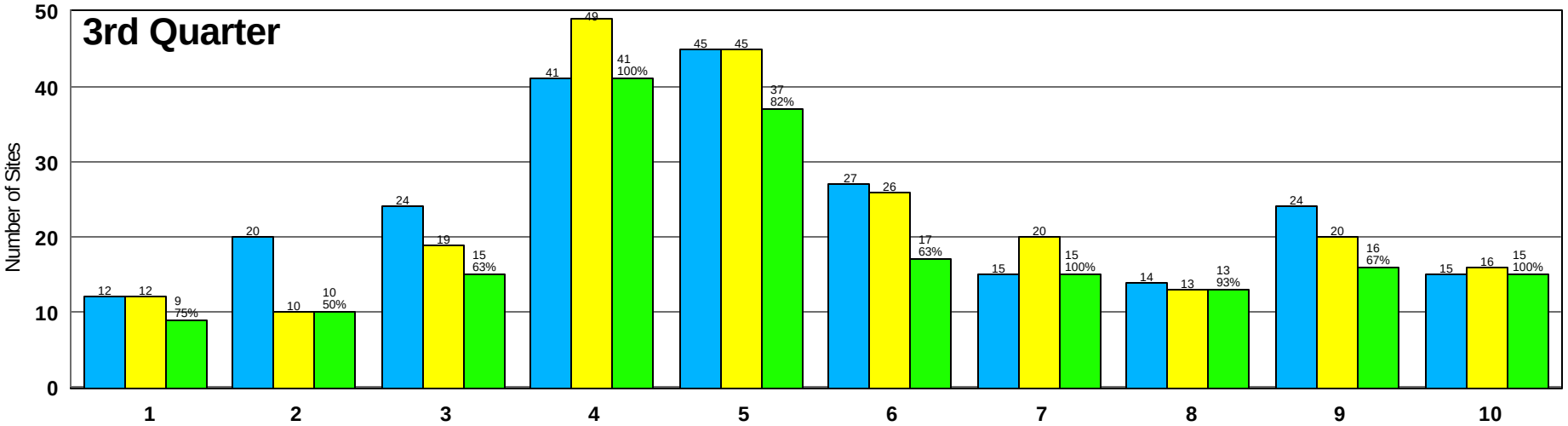


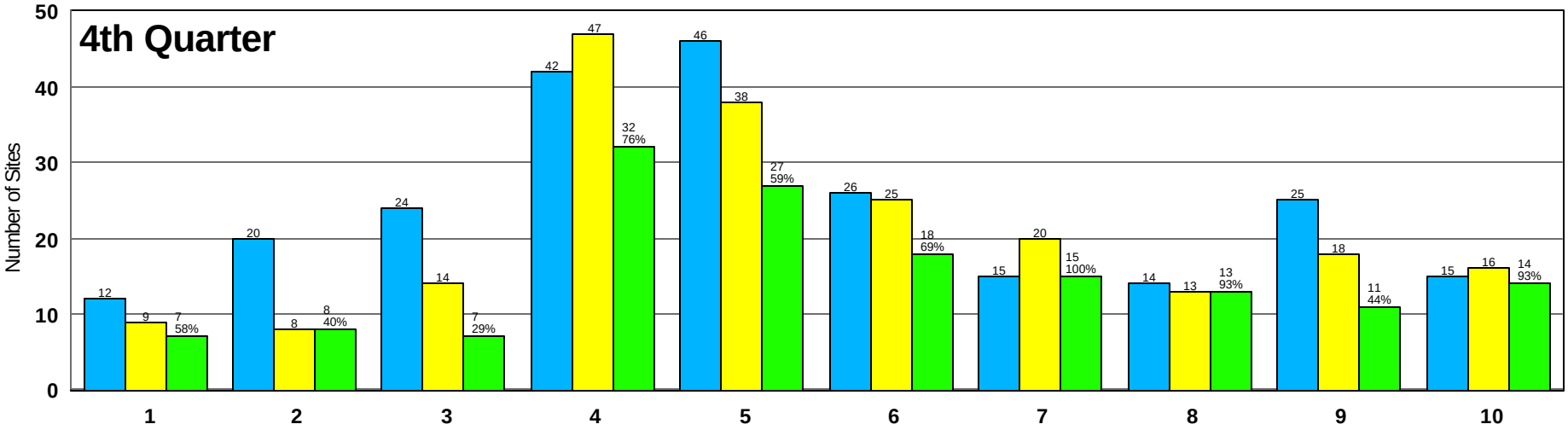
Goal (25% of FRM SLAMS Sites) | W/ Precision Data | 73% or more Precision

Completeness - Precision

Data Capture by Region, 2000 Qtr1-Qtr4

[4/5/01 AIRS Extraction]

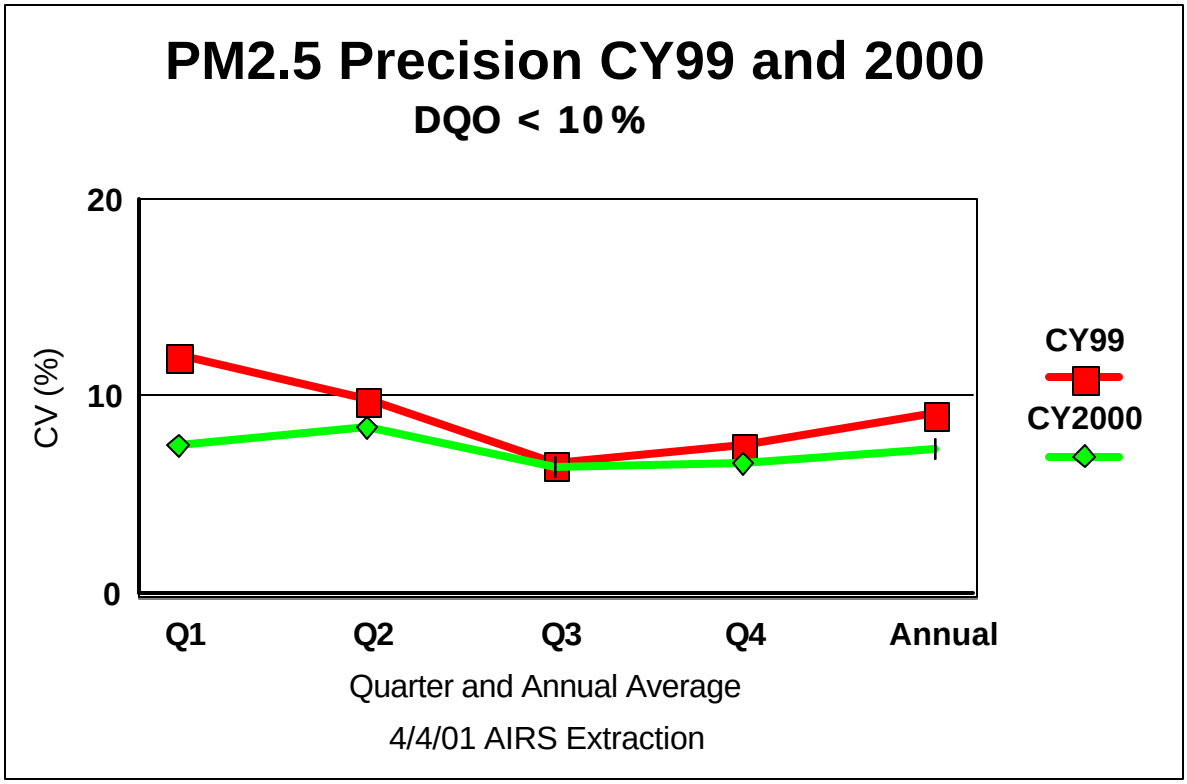


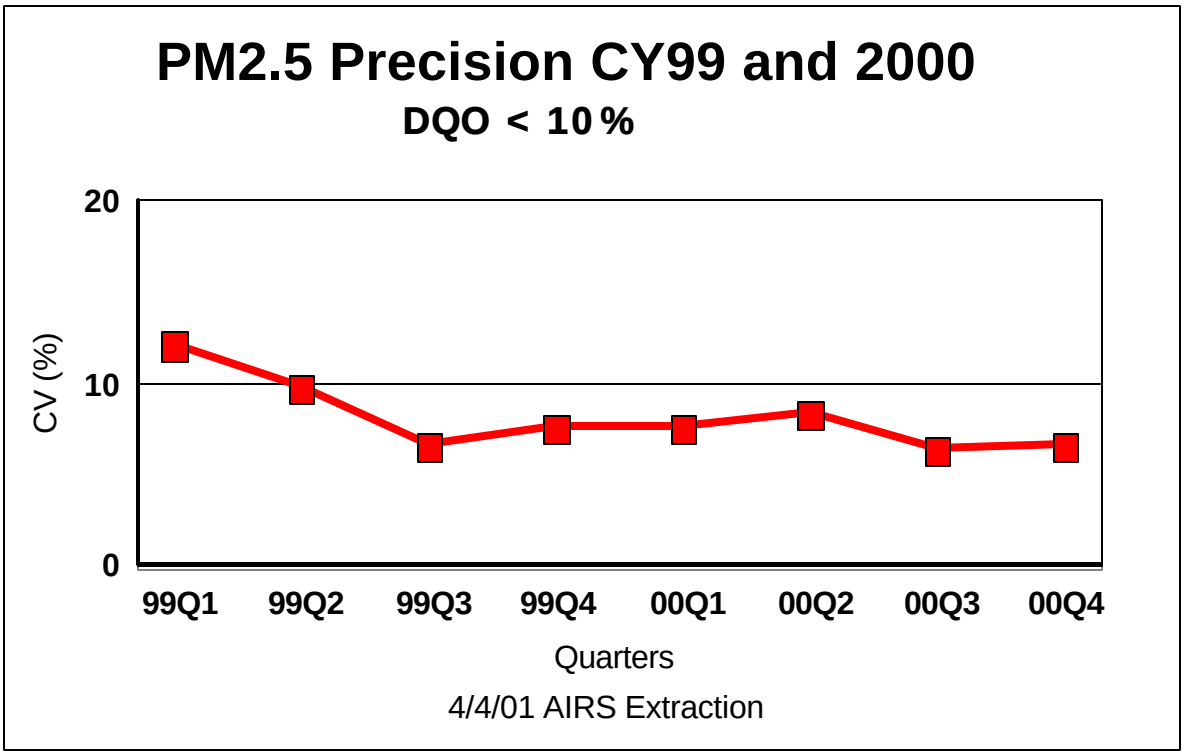


# of sites w/ 4 comp. Quarters	1	2	3	4	5	6	7	8	9	10
	5	6	4	18	17	9	13	7	7	9

Goal (25% of FRM SLAMS Sites) | W/ Precision Data | 73% or more Precision

Attachment IIC. CY 2000 National Precision Estimates (Graphics)


PM2.5 Precision CY99 and 2000
DQO < 10 %
20
10
0
CV (%)
Q1
Q2
Q3
Q4
Annual
Quarter and Annual Average
4/4/01 AIRS Extraction
CY99
CY2000


PM2.5 Precision CY99 and 2000
DQO < 10 %
20
10
0
CV (%)
99Q1
99Q2
99Q3
99Q4
00Q1
00Q2
00Q3
00Q4
Quarters
4/4/01 AIRS Extraction

Attachment IID. Table of 2000 Precision Estimates

for each Reporting Organization and

for Each Site Comprising the Reporting Organization

Explanatory Notes for Reading Attachment on Site- and Reporting Organization-Level Precision Estimates

The attachment provides precision estimates for each of the reporting organizations as well as for each site that comprise the reporting organization. The attachment is sorted first by EPA region, then by state, next by reporting organization, next by method, and lastly by site. Only pairs for which both of the values was greater than 6 : g/m^3 are included in the estimates.

If the AIRS ID is "A", this indicates the estimates are a summary for all the sites in the reporting organization. Estimates are provided for each quarter as well as for the entire year. If the Quarter is "A", this indicates the estimates are a summary for all the available quarters.

After the column entitled quarter are the estimates of precision. The first number is the estimate in %. Following the estimate are two numbers within parentheses. These numbers are the lower and upper 90% confidence limits. If an asterisk follows the interval, this indicates that the upper bound of the confidence limit exceeds 10%, the DQO for precision. Some confidence intervals can be very wide because they are based on few observations. The number of observations is provided in the next column. Sites/Reporting Organizations with confidence intervals where the upper bound is greater than 10% and for which there are several observations (say 7 or more) should be thoroughly investigated for potential causes of the large variability.

The column entitled No. of Sampler Quarters tells how many sampler/quarters are used in the estimates. This helps to understand how many sites and/or quarters are summarized in the reporting organization estimates.

The last columns give some indication of relative bias, in %, for each site/quarter. Collocated samplers can give an estimate of bias relative to each other. For example, if one of the collocated samplers is consistently reading higher than the other, this should be investigated. The first number estimates the relative bias. The numbers within the parentheses provide the lower and upper 90% confidence limits for the bias. The interval should straddle 0%. If it does not, then one of the samplers is consistently reading higher than the other.

ESTIMATES OF RELATIVE PRECISION (REL. RMSE) BASED ON CALCULATION OPTION 3

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=1 STATE=CT REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
090010010	1	17.4 (14.0, 23.0)*	23	1	6.1 (0.1, 12.0)
090090018	1	3.2 (2.6, 4.2)	24	1	-1.0 (-2.1, 0.0)
090091123	1	9.7 (7.9, 12.9)*	23	1	-1.6 (-5.1, 1.9)
090092123	1	6.2 (4.9, 8.4)	20	1	-1.2 (-3.6, 1.2)
090010010	2	13.1 (10.1, 19.1)*	14	1	-3.6 (-9.8, 2.6)
090090018	2	5.1 (3.7, 8.4)	9	1	2.2 (-0.8, 5.2)
090091123	2	3.3 (2.5, 5.1)	11	1	2.0 (0.5, 3.5)
090092123	2	3.2 (2.4, 5.0)	11	1	-0.7 (-2.5, 1.0)
090010010	3	3.8 (2.9, 5.8)	12	1	1.1 (-0.8, 3.1)
090090018	3	4.7 (3.6, 6.9)	14	1	0.5 (-1.8, 2.8)
090091123	3	7.5 (5.8, 11.0)*	14	1	4.6 (1.6, 7.5)
090092123	3	5.6 (4.3, 8.0)	15	1	-0.3 (-3.0, 2.3)
090010010	4	5.8 (4.3, 9.6)	9	1	2.2 (-1.3, 5.8)
090090018	4	3.2 (2.5, 4.8)	13	1	1.3 (-0.2, 2.8)
090091123	4	13.2 (9.6, 21.8)*	9	1	7.9 (0.9, 14.9)
090092123	4	4.0 (2.9, 6.8)	8	1	1.3 (-1.4, 4.0)
A	1	10.6 (9.5, 12.1)*	90	4	
A	2	8.0 (6.8, 9.7)	45	4	
A	3	5.6 (4.9, 6.7)	55	4	
A	4	7.4 (6.3, 9.1)	39	4	
A	A	8.6 (8.0, 9.3)	229	16	

---------- REGION=1 STATE=MA REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
250130016	1	4.3 (3.5, 5.9)	20	1	-0.6 (-2.3, 1.1)
250210007	1	4.0 (3.2, 5.3)	22	1	-2.0 (-3.3, -0.7)
250230004	1	19.8 (12.9, 47.0)*	4	1	-9.0 (-32.9, 15.0)
250250027	1	5.7 (3.9, 10.9)*	6	1	-2.1 (-6.8, 2.7)
250270020	1	6.8 (5.2, 9.9)	14	1	-1.7 (-4.9, 1.5)
250130016	2	5.9 (4.8, 7.7)	25	1	-0.7 (-2.7, 1.3)
250210007	2	9.3 (7.3, 12.9)*	18	1	-2.9 (-6.6, 0.8)
250230004	2	8.4 (6.6, 11.6)*	18	1	-3.7 (-6.8, -0.5)
250250027	2	8.7 (6.6, 13.2)*	12	1	1.1 (-3.5, 5.8)
250270020	2	6.9 (5.6, 9.2)	22	1	1.0 (-1.6, 3.6)
250130016	3	4.8 (3.8, 6.4)	21	1	0.7 (-1.1, 2.5)
250210007	3	11.3 (6.5, 50.0)*	2	1	-11.1 (-24.6, 2.3)
250230004	3	7.6 (5.9, 10.9)*	15	1	-3.6 (-6.7, -0.5)
250250027	3	9.0 (6.5, 14.8)*	9	1	1.5 (-4.3, 7.4)
250270020	3	8.2 (6.7, 10.8)*	24	1	1.1 (-1.8, 4.0)
250130016	4	7.7 (5.8, 12.0)*	11	1	1.6 (-2.7, 6.0)
250230004	4	4.4 (3.5, 6.2)	17	1	-1.2 (-3.1, 0.7)
250270020	4	6.5 (5.1, 9.2)	16	1	2.3 (-0.4, 5.1)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=1 STATE=MA REPORTING ORGANIZATION=001 METHOD=120 ----------
(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	1	6.9 (6.0, 8.0)	66	5	
A	2	7.7 (6.9, 8.8)	95	5	
A	3	7.4 (6.5, 8.6)	71	5	
A	4	6.2 (5.3, 7.5)	44	3	
A	A	7.2 (6.7, 7.8)	276	18	

---------- REGION=1 STATE=ME REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
230110016	1	1.9 (1.4, 3.1)	10	1	-0.4 (-1.5, 0.8)
A	1	1.9 (1.4, 3.1)	10	1	

---------- REGION=1 STATE=ME REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
230030013	1	4.7 (3.6, 7.0)	13	1	-2.8 (-4.8, -0.9)
230050027	1	3.8 (2.9, 5.8)	12	1	1.1 (-0.8, 3.1)
230190002	1	7.5 (5.7, 10.9)*	14	1	3.9 (0.8, 7.0)
230030013	2	7.7 (5.3, 14.8)*	6	1	-5.3 (-10.3, -0.2)
230050027	2	6.0 (4.4, 9.9)	9	1	-3.3 (-6.6, 0.1)
230190002	2	7.5 (4.9, 17.8)*	4	1	6.7 (2.2, 11.3)
230030013	3	4.3 (3.0, 8.3)	6	1	-2.4 (-5.7, 0.8)
230050027	3	3.1 (2.3, 4.8)	11	1	-0.4 (-2.2, 1.4)
230190002	3	4.4 (3.0, 8.4)	6	1	3.4 (0.8, 5.9)
230050027	4	2.9 (2.1, 4.9)	8	1	1.2 (-0.6, 3.1)
230190002	4	2.8 (2.1, 4.7)	9	1	-1.5 (-3.1, 0.0)
A	1	5.6 (4.8, 7.0)	39	3	
A	2	6.9 (5.5, 9.5)	19	3	
A	3	3.8 (3.1, 5.1)	23	3	
A	4	2.8 (2.2, 4.0)	17	2	
A	A	5.2 (4.6, 5.9)	98	11	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=1 STATE=NH REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
330070014	1	5.0 (2.6, 80.4)*	1	1	5.0
330110019	1	14.9 (10.7, 25.5)*	8	1	-3.0 (-13.4, 7.5)
330070014	2	5.0 (3.1, 14.5)*	3	1	4.4 (-0.2, 9.1)
330110019	2	2.1 (1.4, 4.4)	5	1	0.1 (-2.1, 2.3)
A	1	14.2 (10.3, 23.3)*	9	2	
A	2	3.5 (2.5, 5.9)	8	2	
A	A	10.6 (8.3, 14.8)*	17	4	

---------- REGION=1 STATE=RI REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
440070022	1	4.7 (3.3, 8.4)	7	1	0.7 (-2.9, 4.4)
440071010	1	5.0 (3.6, 8.6)	8	1	-0.5 (-4.0, 3.1)
440070022	2	3.7 (2.8, 5.8)	11	1	2.6 (1.1, 4.1)
440071010	2	5.8 (4.2, 9.5)	9	1	-4.9 (-6.9, -2.8)
440070022	3	4.6 (3.5, 7.0)	12	1	3.7 (2.3, 5.2)
440071010	3	9.1 (7.0, 13.6)*	13	1	-2.8 (-7.3, 1.7)
440070022	4	2.9 (1.5, 46.8)*	1	1	2.9
440071010	4	4.0 (2.1, 64.4)*	1	1	4.0
A	1	4.9 (3.8, 7.0)	15	2	
A	2	4.8 (3.8, 6.5)	20	2	
A	3	7.3 (6.0, 9.6)	25	2	
A	4	3.5 (2.0, 15.6)*	2	2	
A	A	5.9 (5.2, 7.0)	62	8	

---------- REGION=1 STATE=VT REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
500070012	1	4.2 (3.3, 6.0)	16	1	-1.9 (-3.6, -0.2)
500070012	2	3.1 (2.4, 4.6)	13	1	-1.5 (-2.9, -0.1)
500070012	3	3.6 (2.6, 6.0)	9	1	-1.5 (-3.7, 0.6)
500070012	4	3.4 (2.6, 5.1)	12	1	-2.8 (-3.8, -1.8)
A	1	4.2 (3.3, 6.0)	16	1	
A	2	3.1 (2.4, 4.6)	13	1	
A	3	3.6 (2.6, 6.0)	9	1	
A	4	3.4 (2.6, 5.1)	12	1	
A	A	3.6 (3.1, 4.4)	50	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=2 STATE=NJ REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
340070003	1	4.9 (3.7, 7.3)	13	1	-2.1 (-4.4, 0.2)
340171003	1	7.5 (5.4, 12.9)*	8	1	2.2 (-2.9, 7.4)
340390004	1	3.1 (2.3, 4.6)	13	1	1.3 (-0.2, 2.7)
A	1	5.1 (4.3, 6.4)	34	3	
A	A	5.1 (4.3, 6.4)	34	3	

---------- REGION=2 STATE=NY REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
360010005	1	2.8 (2.2, 4.0)	17	1	1.4 (0.3, 2.5)
360050110	1	4.5 (3.6, 6.1)	19	1	-0.6 (-2.4, 1.2)
360556001	1	3.1 (2.4, 4.4)	16	1	-0.8 (-2.1, 0.6)
360610056	1	2.0 (1.7, 2.6)	27	1	0.0 (-0.6, 0.7)
360610062	1	5.5 (4.4, 7.3)	22	1	-1.6 (-3.5, 0.4)
360632008	1	4.3 (3.2, 6.8)	10	1	-3.9 (-5.0, -2.8)
360671015	1	7.2 (5.5, 10.4)*	14	1	-4.1 (-7.0, -1.2)
360810094	1	4.6 (3.7, 6.3)	20	1	2.6 (1.0, 4.1)
360010005	2	13.8 (10.8, 19.3)*	17	1	-3.4 (-9.3, 2.4)
360050110	2	2.7 (2.1, 3.7)	18	1	0.7 (-0.4, 1.8)
360556001	2	2.8 (2.3, 3.9)	20	1	0.9 (-0.2, 2.0)
360610056	2	3.1 (2.5, 4.0)	27	1	-1.0 (-1.9, 0.0)
360610062	2	12.3 (10.1, 16.1)*	26	1	-2.1 (-6.3, 2.0)
360632008	2	3.2 (2.5, 4.5)	17	1	-1.5 (-2.8, -0.3)
360671015	2	3.3 (2.5, 5.1)	12	1	2.2 (0.9, 3.6)
360810094	2	2.4 (1.9, 3.2)	22	1	0.4 (-0.5, 1.3)
360010005	3	2.4 (1.9, 3.3)	20	1	0.2 (-0.7, 1.2)
360050110	3	2.8 (2.3, 3.6)	27	1	0.6 (-0.3, 1.5)
360556001	3	2.7 (2.1, 3.7)	18	1	0.1 (-1.0, 1.2)
360610056	3	1.6 (1.3, 2.0)	28	1	0.1 (-0.4, 0.6)
360610062	3	1.7 (1.4, 2.1)	29	1	-0.3 (-0.8, 0.3)
360632008	3	10.1 (8.3, 12.9)*	28	1	-0.7 (-3.9, 2.6)
360671015	3	3.6 (2.8, 5.0)	17	1	-0.1 (-1.6, 1.5)
360810094	3	23.5 (18.9, 31.4)*	22	1	-1.9 (-10.7, 6.9)
360010005	4	2.2 (1.8, 3.0)	20	1	0.7 (-0.2, 1.5)
360050110	4	4.0 (3.2, 5.2)	24	1	-1.1 (-2.4, 0.3)
360556001	4	2.5 (1.9, 3.6)	15	1	-1.3 (-2.3, -0.3)
360610056	4	1.8 (1.5, 2.3)	26	1	0.2 (-0.5, 0.8)
360610062	4	1.8 (1.5, 2.3)	27	1	0.4 (-0.2, 1.0)
360632008	4	2.3 (1.9, 3.2)	20	1	0.0 (-0.9, 0.9)
360671015	4	1.8 (1.4, 2.5)	19	1	-0.2 (-1.0, 0.5)
360810094	4	2.5 (2.0, 3.3)	22	1	-0.5 (-1.4, 0.4)
A	1	4.4 (4.0, 4.8)	145	8	
A	2	7.2 (6.6, 7.9)	159	8	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=2 STATE=NY REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	3	9.1 (8.4, 10.0)	189	8	
A	4	2.5 (2.3, 2.7)	173	8	
A	A	6.5 (6.2, 6.8)	666	32	

---------- REGION=2 STATE=PR REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
720610005	2	4.3 (3.0, 8.3)	6	1	2.0 (-1.5, 5.5)
721270003	2	2.0 (1.5, 3.1)	11	1	0.9 (-0.1, 1.9)
720610005	3	3.7 (2.8, 5.8)	11	1	-0.5 (-2.6, 1.6)
721270003	3	2.1 (1.6, 3.4)	10	1	-0.4 (-1.7, 0.8)
A	2	3.0 (2.4, 4.2)	17	2	
A	3	3.1 (2.5, 4.1)	21	2	
A	A	3.1 (2.6, 3.8)	38	4	

---------- REGION=3 STATE=DC REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
110010041	1	2.1 (1.6, 3.2)	12	1	-0.3 (-1.4, 0.9)
110010043	1	3.3 (2.3, 6.0)	7	1	0.6 (-2.0, 3.2)
110010041	2	21.0 (15.5, 33.5)*	10	1	-8.4 (-20.2, 3.3)
110010043	2	11.9 (6.8, 52.3)*	2	1	-9.8 (-51.8, 32.2)
110010041	3	3.3 (2.4, 5.6)	8	1	-3.1 (-3.9, -2.3)
110010043	3	2.4 (1.4, 10.7)*	2	1	-2.4 (-4.4, -0.4)
110010041	4	10.6 (7.9, 16.9)*	10	1	-2.7 (-9.0, 3.6)
110010043	4	2.0 (1.0, 32.5)*	1	1	-2.0
A	1	2.6 (2.1, 3.6)	19	2	
A	2	19.8 (15.0, 30.0)*	12	2	
A	3	3.1 (2.3, 5.0)	10	2	
A	4	10.2 (7.6, 15.8)*	11	2	
A	A	10.8 (9.3, 12.9)*	52	8	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=3 STATE=DE REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
100031012	1	4.0 (3.1, 5.8)	14	1	1.2 (-0.7, 3.0)
100032004	1	13.5 (10.6, 18.9)*	17	1	2.7 (-3.0, 8.5)
100031012	2	8.9 (6.8, 13.0)*	14	1	-0.3 (-4.6, 4.1)
100032004	2	3.5 (2.9, 4.4)	30	1	0.4 (-0.7, 1.5)
100031012	3	6.2 (4.8, 8.9)	15	1	1.4 (-1.4, 4.3)
100032004	3	5.1 (3.9, 7.6)	13	1	-0.7 (-3.3, 1.9)
100031012	4	8.2 (6.7, 10.7)*	25	1	0.2 (-2.6, 3.1)
100032004	4	2.9 (2.3, 4.2)	15	1	-1.7 (-2.8, -0.5)
A	1	10.4 (8.6, 13.1)*	31	2	
A	2	5.8 (4.9, 7.0)	44	2	
A	3	5.7 (4.7, 7.3)	28	2	
A	4	6.7 (5.7, 8.3)	40	2	
A	A	7.2 (6.6, 8.0)	143	8	

---------- REGION=3 STATE=MD REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
245100035	1	2.5 (1.8, 4.5)	7	1	-1.5 (-3.1, 0.1)
240032002	2	2.9 (2.3, 4.2)	16	1	-0.1 (-1.4, 1.2)
240330001	2	4.0 (3.2, 5.6)	18	1	3.2 (2.1, 4.2)
245100035	2	3.3 (2.4, 5.5)	9	1	1.9 (0.2, 3.7)
240032002	3	1.4 (1.1, 1.8)	27	1	0.2 (-0.3, 0.6)
240330001	3	2.3 (1.9, 3.1)	23	1	-0.3 (-1.1, 0.6)
245100035	3	1.8 (1.5, 2.2)	31	1	0.5 (-0.0, 1.0)
240032002	4	7.1 (5.0, 12.8)*	7	1	0.9 (-4.7, 6.5)
240330001	4	5.5 (4.3, 7.9)	16	1	-0.6 (-3.1, 1.9)
245100035	4	6.3 (5.0, 8.9)	17	1	-1.6 (-4.3, 1.0)
A	1	2.5 (1.8, 4.5)	7	1	
A	2	3.5 (3.0, 4.3)	43	3	
A	3	1.8 (1.6, 2.1)	81	3	
A	4	6.2 (5.2, 7.6)	40	3	
A	A	3.7 (3.4, 4.1)	171	10	

---------- REGION=3 STATE=PA REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
420070014	1	8.6 (6.5, 13.1)*	12	1	0.4 (-4.3, 5.1)
420450002	1	9.4 (7.3, 13.5)*	15	1	0.7 (-3.7, 5.1)
420692006	1	10.8 (8.2, 16.0)*	13	1	2.8 (-2.5, 8.2)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=3 STATE=PA REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
420710007	1	6.4 (4.9, 9.3)	14	1	-2.3 (-5.2, 0.6)
421250005	1	7.1 (5.2, 11.3)*	10	1	-0.7 (-5.0, 3.6)
421330008	1	6.7 (5.1, 10.0)	13	1	-0.2 (-3.7, 3.2)
420070014	2	5.4 (4.1, 8.0)	13	1	0.9 (-1.8, 3.6)
420450002	2	4.0 (3.0, 6.2)	11	1	2.3 (0.5, 4.2)
420692006	2	3.1 (2.3, 5.4)	8	1	0.7 (-1.5, 2.9)
420710007	2	12.4 (8.8, 22.4)*	7	1	-4.4 (-13.6, 4.8)
421250005	2	1.6 (1.2, 2.4)	13	1	0.6 (-0.2, 1.4)
421330008	2	5.5 (4.0, 8.7)	10	1	2.1 (-1.0, 5.2)
420070014	3	3.2 (2.2, 6.1)	6	1	-1.2 (-3.9, 1.5)
420450002	3	1.9 (1.4, 3.1)	10	1	0.3 (-0.9, 1.4)
420692006	3	5.2 (3.9, 7.9)	12	1	2.7 (0.3, 5.1)
420710007	3	9.0 (6.8, 13.7)*	12	1	-2.3 (-7.0, 2.4)
421250005	3	2.9 (2.2, 4.4)	12	1	1.5 (0.2, 2.9)
421330008	3	2.7 (2.1, 3.8)	15	1	1.1 (-0.0, 2.3)
420070014	4	1.2 (0.9, 2.2)	7	1	-0.7 (-1.5, 0.1)
420450002	4	3.7 (2.7, 5.8)	10	1	0.5 (-1.7, 2.7)
420692006	4	7.1 (5.1, 12.2)*	8	1	-0.9 (-6.0, 4.1)
420710007	4	1.5 (1.1, 2.3)	11	1	-0.3 (-1.2, 0.5)
421250005	4	0.7 (0.5, 1.2)	8	1	-0.1 (-0.6, 0.4)
421330008	4	2.4 (1.8, 3.5)	13	1	1.8 (1.0, 2.6)
A	1	8.4 (7.4, 9.7)	77	6	
A	2	5.7 (5.0, 6.8)	62	6	
A	3	4.9 (4.3, 5.7)	67	6	
A	4	3.4 (2.9, 4.0)	57	6	
A	A	6.1 (5.7, 6.5)	263	24	

---------- REGION=3 STATE=PA REPORTING ORGANIZATION=002 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
420030008	1	3.2 (2.3, 5.4)	8	1	2.4 (1.0, 3.9)
420030064	1	3.1 (2.4, 4.7)	12	1	0.1 (-1.6, 1.8)
420031301	1	2.6 (2.0, 4.0)	12	1	0.6 (-0.8, 2.0)
A	1	3.0 (2.5, 3.7)	32	3	
A	A	3.0 (2.5, 3.7)	32	3	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=3 STATE=PA REPORTING ORGANIZATION=003 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
421010004	1	3.8 (2.8, 6.1)	10	1	0.2 (-2.2, 2.5)
421010004	2	6.4 (4.0, 18.7)*	3	1	4.0 (-6.3, 14.3)
421010004	3	3.9 (3.0, 6.1)	11	1	-1.2 (-3.3, 1.0)
421010004	4	1.7 (1.2, 2.7)	9	1	0.1 (-1.0, 1.2)
A	1	3.8 (2.8, 6.1)	10	1	
A	2	6.4 (4.0, 18.7)*	3	1	
A	3	3.9 (3.0, 6.1)	11	1	
A	4	1.7 (1.2, 2.7)	9	1	
A	A	3.8 (3.1, 4.7)	33	4	

---------- REGION=3 STATE=VA REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
510130020	1	5.8 (4.8, 7.5)	27	1	-0.0 (-2.0, 1.9)
517100024	1	3.0 (2.4, 4.0)	21	1	-0.1 (-1.3, 1.0)
517600020	1	2.4 (2.0, 3.0)	37	1	-0.2 (-0.9, 0.4)
510130020	2	7.6 (6.2, 9.8)	26	1	1.1 (-1.5, 3.6)
517100024	2	3.1 (2.5, 4.1)	25	1	-1.8 (-2.7, -0.9)
517600020	2	4.7 (3.8, 6.1)	24	1	1.5 (-0.1, 3.1)
510130020	3	4.3 (3.5, 5.5)	29	1	-1.0 (-2.3, 0.4)
517100024	3	5.5 (4.5, 7.2)	26	1	-1.7 (-3.5, 0.1)
517600020	3	2.3 (1.9, 2.9)	30	1	-0.9 (-1.6, -0.3)
A	1	3.9 (3.5, 4.5)	85	3	
A	2	5.5 (4.8, 6.3)	75	3	
A	3	4.2 (3.7, 4.8)	85	3	
A	A	4.5 (4.2, 4.9)	245	9	

---------- REGION=3 STATE=WV REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
540391005	1	6.2 (5.0, 8.0)	27	1	-1.5 (-3.5, 0.5)
540391005	2	2.3 (1.9, 3.0)	27	1	-1.2 (-1.8, -0.5)
540391005	3	2.6 (2.1, 3.3)	27	1	-0.9 (-1.7, -0.1)
A	1	6.2 (5.0, 8.0)	27	1	
A	2	2.3 (1.9, 3.0)	27	1	
A	3	2.6 (2.1, 3.3)	27	1	
A	A	4.1 (3.6, 4.7)	81	3	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=3 STATE=WV REPORTING ORGANIZATION=002 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
540290011	1	3.9 (3.2, 5.0)	28	1	-0.7 (-2.0, 0.5)
540290011	2	3.5 (2.8, 4.7)	20	1	-0.4 (-1.7, 1.0)
540290011	3	5.6 (4.6, 7.2)	27	1	-1.5 (-3.3, 0.3)
A	1	3.9 (3.2, 5.0)	28	1	
A	2	3.5 (2.8, 4.7)	20	1	
A	3	5.6 (4.6, 7.2)	27	1	
A	A	4.5 (4.0, 5.2)	75	3	

---------- REGION=4 STATE=AL REPORTING ORGANIZATION=011 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
010970002	2	21.7 (15.6, 37.1)*	8	1	-6.6 (-21.4, 8.1)
011010007	2	10.4 (7.6, 17.1)*	9	1	3.0 (-3.5, 9.5)
010970002	3	3.6 (2.7, 5.7)	10	1	2.2 (0.5, 3.9)
011010007	3	5.2 (4.1, 7.5)	15	1	-0.9 (-3.3, 1.6)
010970002	4	2.8 (2.1, 4.2)	12	1	0.7 (-0.7, 2.2)
011010007	4	4.8 (3.7, 7.0)	14	1	1.3 (-1.0, 3.6)
A	2	16.7 (13.1, 23.4)*	17	2	
A	3	4.7 (3.8, 6.1)	25	2	
A	4	4.0 (3.3, 5.2)	26	2	
A	A	9.1 (8.0, 10.7)*	68	6	

---------- REGION=4 STATE=AL REPORTING ORGANIZATION=014 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
010890014	1	1.4 (1.1, 1.9)	16	1	0.3 (-0.3, 0.9)
010890014	2	2.0 (1.5, 3.0)	13	1	1.4 (0.7, 2.2)
010890014	3	1.1 (0.9, 1.6)	14	1	-0.0 (-0.6, 0.5)
010890014	4	2.3 (1.8, 3.3)	15	1	0.1 (-0.9, 1.2)
A	1	1.4 (1.1, 1.9)	16	1	
A	2	2.0 (1.5, 3.0)	13	1	
A	3	1.1 (0.9, 1.6)	14	1	
A	4	2.3 (1.8, 3.3)	15	1	
A	A	1.7 (1.5, 2.1)	58	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120330004	1	9.3 (7.2, 13.6)*	14	1	-0.7 (-5.2, 3.9)
A	1	9.3 (7.2, 13.6)*	14	1	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=002 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120010023	1	7.6 (5.8, 11.1)*	14	1	-0.9 (-4.6, 2.8)
120010023	2	21.1 (15.6, 33.6)*	10	1	-4.2 (-16.8, 8.4)
120010023	3	12.1 (9.2, 18.4)*	12	1	-1.7 (-8.2, 4.8)
A	1	7.6 (5.8, 11.1)*	14	1	
A	2	21.1 (15.6, 33.6)*	10	1	
A	3	12.1 (9.2, 18.4)*	12	1	
A	A	14.0 (11.7, 17.4)*	36	3	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=003 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
121171002	1	13.5 (10.2, 20.5)*	12	1	0.3 (-7.0, 7.6)
121171002	2	3.3 (2.5, 4.9)	12	1	1.7 (0.2, 3.2)
121171002	3	6.1 (4.6, 9.3)	12	1	2.7 (-0.3, 5.7)
121171002	4	2.0 (1.5, 2.9)	13	1	0.1 (-1.0, 1.1)
A	1	13.5 (10.2, 20.5)*	12	1	
A	2	3.3 (2.5, 4.9)	12	1	
A	3	6.1 (4.6, 9.3)	12	1	
A	4	2.0 (1.5, 2.9)	13	1	
A	A	7.6 (6.5, 9.1)	49	4	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=004 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
121056006	1	1.8 (1.3, 2.8)	10	1	0.1 (-1.0, 1.2)
121056006	2	3.7 (2.8, 5.8)	11	1	-0.4 (-2.6, 1.7)
121056006	3	3.4 (2.5, 5.5)	10	1	1.1 (-0.8, 3.1)
121056006	4	3.1 (2.3, 4.7)	11	1	0.4 (-1.3, 2.2)
A	1	1.8 (1.3, 2.8)	10	1	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=004 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	2	3.7 (2.8, 5.8)	11	1	
A	3	3.4 (2.5, 5.5)	10	1	
A	4	3.1 (2.3, 4.7)	11	1	
A	A	3.1 (2.6, 3.8)	42	4	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=005 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120710005	1	2.0 (1.4, 3.7)	6	1	1.1 (-0.3, 2.6)
120710005	2	2.3 (1.7, 3.2)	15	1	-0.0 (-1.1, 1.1)
120710005	3	3.4 (2.7, 4.7)	17	1	1.5 (0.1, 2.8)
120710005	4	4.1 (3.3, 5.3)	24	1	3.3 (2.5, 4.2)
A	1	2.0 (1.4, 3.7)	6	1	
A	2	2.3 (1.7, 3.2)	15	1	
A	3	3.4 (2.7, 4.7)	17	1	
A	4	4.1 (3.3, 5.3)	24	1	
A	A	3.3 (2.9, 3.9)	62	4	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=006 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
121111002	1	3.4 (2.4, 6.2)	7	1	2.2 (0.1, 4.3)
121111002	2	4.1 (3.1, 6.4)	11	1	-0.6 (-2.9, 1.7)
121111002	3	5.5 (3.9, 9.9)	7	1	1.2 (-3.0, 5.5)
121111002	4	2.3 (1.7, 3.8)	9	1	-0.1 (-1.7, 1.4)
A	1	3.4 (2.4, 6.2)	7	1	
A	2	4.1 (3.1, 6.4)	11	1	
A	3	5.5 (3.9, 9.9)	7	1	
A	4	2.3 (1.7, 3.8)	9	1	
A	A	3.9 (3.3, 4.9)	34	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=011 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120310099	1	4.9 (3.6, 7.5)	11	1	3.3 (1.3, 5.3)
120310099	2	3.7 (2.6, 7.2)	6	1	1.6 (-1.4, 4.6)
120310099	4	1.7 (1.3, 2.6)	11	1	-0.2 (-1.2, 0.7)
A	1	4.9 (3.6, 7.5)	11	1	
A	2	3.7 (2.6, 7.2)	6	1	
A	4	1.7 (1.3, 2.6)	11	1	
A	A	3.7 (3.0, 4.7)	28	3	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=012 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120570030	1	2.3 (1.8, 3.5)	13	1	-0.4 (-1.6, 0.7)
120570030	2	14.3 (10.9, 21.2)*	13	1	6.1 (-0.6, 12.7)
120570030	3	4.8 (3.7, 6.9)	14	1	0.4 (-2.0, 2.7)
120570030	4	12.9 (9.8, 19.2)*	13	1	-1.7 (-8.2, 4.9)
A	1	2.3 (1.8, 3.5)	13	1	
A	2	14.3 (10.9, 21.2)*	13	1	
A	3	4.8 (3.7, 6.9)	14	1	
A	4	12.9 (9.8, 19.2)*	13	1	
A	A	9.9 (8.6, 11.8)*	53	4	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=013 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
121030018	1	11.4 (8.6, 17.2)*	12	1	4.1 (-1.7, 9.8)
121030018	2	2.8 (2.1, 4.1)	13	1	0.8 (-0.6, 2.2)
121030018	3	4.7 (3.6, 6.9)	14	1	0.4 (-1.9, 2.7)
121030018	4	3.9 (2.9, 6.1)	11	1	1.0 (-1.2, 3.2)
A	1	11.4 (8.6, 17.2)*	12	1	
A	2	2.8 (2.1, 4.1)	13	1	
A	3	4.7 (3.6, 6.9)	14	1	
A	4	3.9 (2.9, 6.1)	11	1	
A	A	6.5 (5.6, 7.8)	50	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=015 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
121150013	1	2.2 (1.7, 3.2)	15	1	0.0 (-1.0, 1.1)
121150013	2	3.4 (2.5, 5.6)	9	1	-0.9 (-3.1, 1.3)
121150013	3	4.0 (3.0, 6.1)	11	1	0.1 (-2.2, 2.3)
121150013	4	2.9 (2.2, 4.5)	12	1	-1.5 (-2.9, -0.1)
A	1	2.2 (1.7, 3.2)	15	1	
A	2	3.4 (2.5, 5.6)	9	1	
A	3	4.0 (3.0, 6.1)	11	1	
A	4	2.9 (2.2, 4.5)	12	1	
A	A	3.1 (2.7, 3.8)	47	4	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=016 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120992003	1	2.0 (1.4, 3.4)	8	1	1.5 (0.7, 2.4)
120992003	3	5.5 (3.7, 11.5)*	5	1	0.1 (-5.8, 5.9)
120992003	4	4.0 (3.0, 6.0)	12	1	-1.0 (-3.1, 1.0)
A	1	2.0 (1.4, 3.4)	8	1	
A	3	5.5 (3.7, 11.5)*	5	1	
A	4	4.0 (3.0, 6.0)	12	1	
A	A	3.9 (3.1, 5.0)	25	3	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=017 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120111002	1	3.2 (2.4, 5.1)	10	1	0.2 (-1.8, 2.1)
120111002	2	27.7 (21.0, 42.0)*	12	1	-6.9 (-21.4, 7.7)
120111002	3	6.8 (5.1, 10.5)*	11	1	-1.7 (-5.5, 2.0)
120111002	4	5.4 (4.0, 8.6)	10	1	-1.9 (-5.0, 1.2)
A	1	3.2 (2.4, 5.1)	10	1	
A	2	27.7 (21.0, 42.0)*	12	1	
A	3	6.8 (5.1, 10.5)*	11	1	
A	4	5.4 (4.0, 8.6)	10	1	
A	A	15.4 (13.1, 18.7)*	43	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=020 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120952002	1	2.4 (1.8, 3.5)	13	1	-0.7 (-1.8, 0.5)
120952002	2	3.5 (2.6, 5.1)	13	1	-1.8 (-3.3, -0.2)
120952002	3	4.8 (3.6, 7.1)	13	1	-1.1 (-3.5, 1.3)
120952002	4	3.3 (2.5, 5.0)	13	1	-0.2 (-1.9, 1.5)
A	1	2.4 (1.8, 3.5)	13	1	
A	2	3.5 (2.6, 5.1)	13	1	
A	3	4.8 (3.6, 7.1)	13	1	
A	4	3.3 (2.5, 5.0)	13	1	
A	A	3.6 (3.1, 4.3)	52	4	

---------- REGION=4 STATE=FL REPORTING ORGANIZATION=039 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
120170005	4	3.1 (2.5, 4.3)	20	1	-0.2 (-1.4, 1.1)
A	4	3.1 (2.5, 4.3)	20	1	

---------- REGION=4 STATE=GA REPORTING ORGANIZATION=010 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
130210007	1	6.9 (5.3, 10.3)*	13	1	-4.1 (-7.0, -1.2)
130510017	1	6.9 (5.3, 10.1)*	14	1	3.6 (0.8, 6.5)
130892001	1	5.8 (4.3, 9.0)	11	1	2.0 (-1.1, 5.1)
131210032	1	3.4 (2.5, 5.5)	10	1	1.3 (-0.6, 3.2)
132150001	1	3.6 (2.8, 5.5)	12	1	-0.6 (-2.5, 1.3)
132450005	1	4.9 (3.2, 11.6)*	4	1	1.7 (-4.6, 7.9)
130210007	2	2.8 (2.1, 4.5)	10	1	0.5 (-1.1, 2.2)
130510017	2	7.8 (5.6, 13.3)*	8	1	4.9 (0.5, 9.2)
130892001	2	6.3 (4.8, 9.3)	13	1	1.1 (-2.1, 4.3)
131210032	2	5.8 (4.2, 9.5)	9	1	1.0 (-2.8, 4.7)
132150001	2	2.8 (2.1, 4.4)	10	1	-1.4 (-2.8, 0.1)
132450005	2	6.4 (4.6, 11.0)*	8	1	4.1 (0.7, 7.6)
130210007	3	2.1 (1.5, 3.5)	8	1	1.8 (1.0, 2.5)
130510017	3	3.0 (2.1, 5.8)	6	1	1.3 (-1.1, 3.8)
130892001	3	2.2 (1.5, 5.3)	4	1	0.5 (-2.4, 3.5)
131210032	3	4.0 (2.8, 7.1)	7	1	3.5 (2.1, 4.9)
132150001	3	3.2 (2.4, 4.7)	13	1	-1.4 (-2.8, 0.1)
132450005	3	2.7 (1.9, 4.9)	7	1	-0.9 (-2.9, 1.2)
130210007	4	7.1 (5.1, 12.2)*	8	1	6.1 (3.4, 8.8)
130510017	4	4.1 (3.0, 6.8)	9	1	0.7 (-2.0, 3.3)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=GA REPORTING ORGANIZATION=010 METHOD=120 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
130892001	4	5.7 (4.3, 8.9)	11	1	1.5 (-1.7, 4.7)
131210032	4	12.9 (9.4, 21.2)*	9	1	6.2 (-1.3, 13.6)
132150001	4	5.1 (3.7, 8.4)	9	1	0.3 (-3.1, 3.6)
132450005	4	6.7 (4.9, 11.0)*	9	1	-3.7 (-7.4, -0.0)
A	1	5.6 (4.9, 6.6)	64	6	
A	2	5.5 (4.8, 6.5)	58	6	
A	3	3.0 (2.5, 3.6)	45	6	
A	4	7.5 (6.5, 8.9)	55	6	
A	A	5.7 (5.3, 6.2)	222	24	

---------- REGION=4 STATE=KY REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
210190017	1	3.3 (2.5, 5.0)	12	1	-1.6 (-3.2, -0.1)
210670012	1	5.0 (3.8, 7.3)	14	1	1.5 (-0.8, 3.9)
211950002	1	7.0 (5.1, 11.5)*	9	1	-1.0 (-5.6, 3.5)
212270007	1	1.7 (1.3, 2.4)	15	1	-0.1 (-0.9, 0.7)
210190017	2	2.6 (1.9, 4.4)	8	1	0.5 (-1.3, 2.3)
210590014	2	11.7 (8.7, 18.7)*	10	1	-1.4 (-8.6, 5.7)
210670012	2	3.0 (2.3, 4.6)	12	1	2.4 (1.4, 3.4)
211950002	2	2.2 (1.6, 3.3)	12	1	0.6 (-0.6, 1.7)
212270007	2	14.5 (11.2, 21.2)*	14	1	-5.7 (-12.3, 0.9)
210190017	3	4.0 (3.1, 6.0)	13	1	-0.6 (-2.6, 1.4)
210590014	3	5.5 (4.3, 8.1)	14	1	-0.4 (-3.1, 2.3)
210670012	3	7.4 (5.6, 11.2)*	12	1	3.4 (-0.2, 7.0)
211950002	3	4.9 (3.8, 7.2)	14	1	2.2 (0.0, 4.4)
212270007	3	4.3 (3.3, 6.5)	12	1	-1.0 (-3.3, 1.2)
210190017	4	4.5 (3.4, 6.9)	12	1	-2.1 (-4.3, 0.0)
210590014	4	4.9 (3.8, 7.3)	13	1	-1.6 (-4.0, 0.8)
210670012	4	8.2 (6.3, 12.0)*	14	1	2.2 (-1.6, 6.1)
211950002	4	2.6 (1.9, 4.3)	9	1	-0.8 (-2.4, 0.8)
212270007	4	2.7 (2.1, 4.1)	13	1	-0.8 (-2.2, 0.5)
A	1	4.4 (3.8, 5.2)	50	4	
A	2	9.0 (7.8, 10.7)*	56	5	
A	3	5.4 (4.7, 6.3)	65	5	
A	4	5.2 (4.6, 6.2)	61	5	
A	A	6.2 (5.8, 6.8)	232	19	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=KY REPORTING ORGANIZATION=002 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
211110043	1	2.8 (2.1, 4.4)	11	1	-1.2 (-2.7, 0.3)
211110043	2	5.8 (4.5, 8.5)	14	1	2.3 (-0.4, 4.9)
211110043	3	10.0 (7.6, 15.2)*	12	1	4.2 (-0.7, 9.1)
211110043	4	2.9 (2.1, 4.8)	9	1	1.2 (-0.6, 2.9)
A	1	2.8 (2.1, 4.4)	11	1	
A	2	5.8 (4.5, 8.5)	14	1	
A	3	10.0 (7.6, 15.2)*	12	1	
A	4	2.9 (2.1, 4.8)	9	1	
A	A	6.3 (5.4, 7.7)	46	4	

---------- REGION=4 STATE=MS REPORTING ORGANIZATION=100 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
280330002	1	3.6 (2.8, 5.5)	12	1	1.4 (-0.4, 3.2)
280350004	1	3.2 (2.5, 4.7)	14	1	0.5 (-1.0, 2.1)
281210001	1	4.4 (3.2, 7.2)	9	1	-1.2 (-4.0, 1.5)
280330002	2	2.3 (1.7, 3.4)	13	1	1.9 (1.2, 2.5)
280350004	2	3.1 (2.4, 4.6)	14	1	0.5 (-1.0, 2.1)
280670002	2	3.3 (2.3, 5.9)	7	1	-1.7 (-3.9, 0.6)
281210001	2	11.4 (8.2, 19.5)*	8	1	-3.0 (-10.9, 4.9)
280330002	3	5.2 (4.0, 7.5)	15	1	1.7 (-0.6, 4.0)
280350004	3	3.1 (2.4, 4.6)	14	1	-1.0 (-2.5, 0.4)
280670002	3	2.6 (2.0, 3.8)	15	1	-1.9 (-2.7, -1.0)
281210001	3	3.9 (2.9, 6.1)	11	1	0.9 (-1.3, 3.1)
280330002	4	9.0 (6.1, 18.8)*	5	1	7.5 (2.2, 12.8)
280350004	4	3.3 (2.2, 7.9)	4	1	1.9 (-1.9, 5.6)
280670002	4	4.0 (2.6, 9.4)	4	1	1.6 (-3.4, 6.5)
281210001	4	6.5 (4.4, 13.6)*	5	1	4.8 (0.0, 9.5)
A	1	3.7 (3.1, 4.6)	35	3	
A	2	5.6 (4.8, 6.9)	42	4	
A	3	3.9 (3.3, 4.6)	55	4	
A	4	6.3 (5.0, 8.8)	18	4	
A	A	4.7 (4.3, 5.2)	150	15	

---------- REGION=4 STATE=NC REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
370510009	1	11.2 (8.6, 16.3)*	14	1	2.1 (-3.3, 7.5)
370710016	1	6.6 (5.0, 9.8)	13	1	-0.0 (-3.4, 3.4)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=NC REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
370810009	1	1.9 (1.4, 3.0)	10	1	0.0 (-1.1, 1.2)
371210001	1	3.0 (2.3, 4.6)	12	1	1.4 (-0.0, 2.9)
371230001	1	1.7 (0.9, 26.7)*	1	1	1.7
371290009	1	1.6 (1.2, 2.6)	9	1	0.4 (-0.7, 1.4)
371470005	1	3.4 (2.6, 5.0)	13	1	-1.2 (-2.8, 0.4)
371830014	1	13.7 (10.3, 20.7)*	12	1	2.4 (-4.8, 9.7)
370510009	2	1.9 (1.4, 2.9)	12	1	0.7 (-0.2, 1.7)
370710016	2	2.4 (1.9, 3.5)	15	1	0.2 (-0.9, 1.4)
370810009	2	5.7 (4.2, 9.4)	9	1	2.8 (-0.4, 6.1)
371210001	2	2.6 (2.0, 3.9)	13	1	0.4 (-0.9, 1.7)
371290009	2	2.7 (1.9, 4.8)	7	1	0.6 (-1.5, 2.6)
371470005	2	5.2 (4.0, 7.7)	13	1	-1.0 (-3.6, 1.6)
371830014	2	3.9 (3.0, 5.8)	13	1	-2.5 (-4.0, -1.0)
370510009	3	4.5 (3.5, 6.5)	15	1	2.0 (0.1, 3.9)
370710016	3	1.8 (1.4, 2.7)	12	1	-0.2 (-1.2, 0.7)
370810009	3	3.4 (2.5, 5.2)	11	1	-0.2 (-2.1, 1.8)
371210001	3	3.2 (2.5, 4.6)	15	1	2.0 (0.8, 3.2)
371290009	3	2.7 (2.0, 4.2)	11	1	-0.1 (-1.6, 1.5)
371470005	3	4.1 (3.1, 6.0)	13	1	2.3 (0.6, 4.0)
371830014	3	4.3 (3.3, 6.2)	15	1	-3.5 (-4.7, -2.4)
370510009	4	1.3 (1.0, 2.0)	12	1	1.1 (0.7, 1.5)
370710016	4	2.4 (1.8, 3.5)	13	1	0.6 (-0.6, 1.8)
370810009	4	2.6 (2.0, 3.9)	12	1	1.7 (0.6, 2.8)
371210001	4	1.7 (1.3, 2.5)	14	1	-0.5 (-1.3, 0.4)
371290009	4	2.5 (1.9, 3.8)	12	1	-1.3 (-2.5, -0.1)
371470005	4	1.7 (1.3, 2.7)	11	1	0.1 (-0.9, 1.1)
371830014	4	12.2 (9.4, 17.8)*	14	1	-3.1 (-8.9, 2.7)
A	1	7.6 (6.8, 8.7)	84	8	
A	2	3.7 (3.3, 4.2)	82	7	
A	3	3.6 (3.2, 4.1)	92	7	
A	4	5.2 (4.7, 6.0)	88	7	
A	A	5.3 (5.0, 5.6)	346	29	

---------- REGION=4 STATE=NC REPORTING ORGANIZATION=002 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
370670024	1	1.9 (1.5, 2.8)	14	1	-0.1 (-1.0, 0.8)
370670024	2	1.8 (1.3, 2.8)	10	1	1.3 (0.5, 2.0)
370670024	3	3.1 (2.3, 4.7)	12	1	0.5 (-1.2, 2.1)
370670024	4	1.4 (1.1, 2.3)	10	1	-0.1 (-1.0, 0.7)
A	1	1.9 (1.5, 2.8)	14	1	
A	2	1.8 (1.3, 2.8)	10	1	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=NC REPORTING ORGANIZATION=002 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	3	3.1 (2.3, 4.7)	12	1	
A	4	1.4 (1.1, 2.3)	10	1	
A	A	2.2 (1.9, 2.6)	46	4	

---------- REGION=4 STATE=NC REPORTING ORGANIZATION=003 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
371190040	1	1.5 (1.1, 2.2)	13	1	-0.1 (-0.9, 0.7)
371190040	2	2.0 (1.5, 3.1)	12	1	0.5 (-0.6, 1.5)
371190040	3	2.1 (1.6, 3.1)	12	1	1.4 (0.5, 2.2)
371190042	3	2.0 (1.1, 8.7)	2	1	0.8 (-10.7, 12.2)
371190042	4	1.8 (1.4, 2.6)	14	1	1.2 (0.5, 1.8)
A	1	1.5 (1.1, 2.2)	13	1	
A	2	2.0 (1.5, 3.1)	12	1	
A	3	2.0 (1.6, 3.0)	14	2	
A	4	1.8 (1.4, 2.6)	14	1	
A	A	1.8 (1.6, 2.2)	53	5	

---------- REGION=4 STATE=NC REPORTING ORGANIZATION=004 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
370210034	1	19.0 (14.1, 30.3)*	10	1	-0.9 (-12.5, 10.7)
370210034	2	24.3 (16.8, 46.5)*	6	1	-16.3 (-32.5, -0.1)
370210034	3	6.4 (5.0, 9.3)	15	1	-3.6 (-6.1, -1.0)
370210034	4	2.5 (1.8, 4.0)	10	1	0.5 (-0.9, 2.0)
A	1	19.0 (14.1, 30.3)*	10	1	
A	2	24.3 (16.8, 46.5)*	6	1	
A	3	6.4 (5.0, 9.3)	15	1	
A	4	2.5 (1.8, 4.0)	10	1	
A	A	13.8 (11.7, 16.9)*	41	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=NC REPORTING ORGANIZATION=030 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
370990006	2	2.0 (1.5, 3.3)	10	1	1.2 (0.1, 2.2)
370990006	3	1.7 (1.2, 2.6)	11	1	0.3 (-0.6, 1.2)
370990006	4	9.2 (6.5, 16.6)*	7	1	-2.4 (-9.5, 4.6)
A	2	2.0 (1.5, 3.3)	10	1	
A	3	1.7 (1.2, 2.6)	11	1	
A	4	9.2 (6.5, 16.6)*	7	1	
A	A	4.9 (4.0, 6.3)	28	3	

---------- REGION=4 STATE=SC REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
450190048	1	2.5 (1.9, 3.7)	13	1	0.8 (-0.4, 2.0)
450430009	1	7.3 (5.9, 9.6)	24	1	-3.1 (-5.4, -0.7)
450450009	1	3.5 (2.7, 5.1)	14	1	-2.8 (-3.8, -1.9)
450790019	1	3.5 (2.9, 4.5)	28	1	-2.0 (-2.9, -1.1)
450190048	2	3.3 (2.5, 5.2)	11	1	0.9 (-1.0, 2.7)
450430009	2	4.2 (3.4, 5.5)	25	1	-1.3 (-2.7, 0.1)
450450009	2	4.3 (3.3, 6.3)	14	1	1.8 (-0.1, 3.8)
450790019	2	3.0 (2.5, 3.9)	25	1	0.7 (-0.4, 1.7)
450190048	3	3.5 (2.7, 5.1)	14	1	2.1 (0.8, 3.5)
450430009	3	4.8 (3.9, 6.4)	23	1	-2.8 (-4.3, -1.4)
450450009	3	3.5 (2.6, 5.6)	10	1	1.3 (-0.7, 3.3)
450790019	3	2.7 (2.2, 3.5)	25	1	1.6 (0.8, 2.3)
450190048	4	2.6 (2.0, 3.8)	14	1	-0.4 (-1.7, 0.8)
450430009	4	2.5 (2.0, 3.4)	20	1	-1.0 (-1.9, -0.1)
450450009	4	2.5 (1.8, 4.3)	8	1	1.5 (-0.0, 2.9)
450510002	4	3.3 (2.1, 7.9)	4	1	0.9 (-3.5, 5.2)
450790019	4	1.5 (1.2, 2.0)	23	1	-0.5 (-1.0, 0.0)
A	1	4.8 (4.3, 5.6)	79	4	
A	2	3.7 (3.3, 4.3)	75	4	
A	3	3.7 (3.3, 4.3)	72	4	
A	4	2.3 (2.0, 2.7)	69	5	
A	A	3.8 (3.6, 4.1)	295	17	

---------- REGION=4 STATE=TN REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
471130004	1	3.6 (2.7, 5.3)	13	1	-2.9 (-4.0, -1.8)
471631007	1	3.5 (2.8, 4.8)	18	1	-0.7 (-2.2, 0.7)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=4 STATE=TN REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
471650007	1	2.7 (2.2, 3.6)	26	1	0.1 (-0.8, 1.0)
471130004	2	10.0 (8.2, 12.9)*	27	1	-1.9 (-5.2, 1.4)
471631007	2	2.9 (2.4, 3.9)	22	1	0.7 (-0.4, 1.7)
471650007	2	6.0 (4.9, 7.8)	27	1	0.5 (-1.5, 2.5)
471130004	3	1.9 (1.5, 2.5)	22	1	-1.5 (-1.9, -1.0)
471631007	3	16.1 (13.1, 21.1)*	25	1	3.2 (-2.3, 8.7)
471650007	3	1.8 (1.5, 2.4)	23	1	-0.4 (-1.1, 0.2)
A	1	3.2 (2.8, 3.8)	57	3	
A	2	7.1 (6.3, 8.2)	76	3	
A	3	9.7 (8.6, 11.3)*	70	3	
A	A	7.4 (6.8, 8.1)	203	9	

---------- REGION=4 STATE=TN REPORTING ORGANIZATION=003 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
470370023	1	3.8 (2.5, 9.0)	4	1	2.0 (-2.3, 6.4)
470370023	2	7.5 (5.4, 12.9)*	8	1	-5.6 (-9.2, -2.1)
470370023	3	16.9 (12.3, 27.8)*	9	1	-5.9 (-16.4, 4.5)
470370023	4	12.2 (8.2, 25.6)*	5	1	3.5 (-9.1, 16.0)
A	1	3.8 (2.5, 9.0)	4	1	
A	2	7.5 (5.4, 12.9)*	8	1	
A	3	16.9 (12.3, 27.8)*	9	1	
A	4	12.2 (8.2, 25.6)*	5	1	
A	A	12.1 (9.9, 15.8)*	26	4	

---------- REGION=4 STATE=TN REPORTING ORGANIZATION=004 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
470931017	1	1.7 (1.3, 2.6)	12	1	-0.1 (-1.0, 0.8)
470931017	2	4.2 (3.2, 6.5)	11	1	1.1 (-1.3, 3.4)
470931017	3	1.6 (1.1, 2.5)	10	1	0.6 (-0.3, 1.4)
470931017	4	1.5 (0.9, 4.4)	3	1	0.9 (-1.7, 3.4)
A	1	1.7 (1.3, 2.6)	12	1	
A	2	4.2 (3.2, 6.5)	11	1	
A	3	1.6 (1.1, 2.5)	10	1	
A	4	1.5 (0.9, 4.4)	3	1	
A	A	2.7 (2.3, 3.4)	36	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=IL REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
171610003	1	5.5 (4.0, 9.1)	9	1	1.3 (-2.2, 4.8)
171610003	2	5.8 (4.3, 9.2)	10	1	0.8 (-2.7, 4.3)
171610003	3	2.6 (2.0, 4.0)	12	1	-1.6 (-2.7, -0.5)
171610003	4	3.7 (2.5, 7.6)	5	1	-2.4 (-5.3, 0.6)
A	1	5.5 (4.0, 9.1)	9	1	
A	2	5.8 (4.3, 9.2)	10	1	
A	3	2.6 (2.0, 4.0)	12	1	
A	4	3.7 (2.5, 7.6)	5	1	
A	A	4.6 (3.9, 5.7)	36	4	

---------- REGION=5 STATE=IL REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
170314201	1	4.4 (3.3, 6.8)	11	1	-0.8 (-3.3, 1.6)
171150013	1	9.2 (7.0, 14.0)*	12	1	-0.9 (-5.9, 4.0)
171191007	1	9.8 (7.3, 15.1)*	11	1	7.2 (3.4, 11.0)
171193007	1	4.2 (3.2, 6.1)	14	1	1.7 (-0.2, 3.6)
171430037	1	8.1 (6.1, 12.0)*	13	1	3.3 (-0.4, 7.1)
170314201	2	9.2 (6.7, 15.1)*	9	1	-4.0 (-9.4, 1.5)
171150013	2	5.2 (3.9, 7.7)	13	1	-1.5 (-4.0, 1.0)
171191007	2	5.4 (4.1, 7.8)	14	1	3.1 (1.0, 5.3)
171193007	2	4.8 (3.7, 7.0)	14	1	0.6 (-1.7, 3.0)
171430037	2	6.1 (3.1, 98.1)*	1	1	6.1
170314201	3	3.0 (2.1, 5.1)	8	1	-0.4 (-2.5, 1.7)
171150013	3	14.2 (10.0, 25.5)*	7	1	5.2 (-5.3, 15.7)
171191007	3	7.8 (5.6, 13.4)*	8	1	-1.5 (-7.0, 4.0)
171193007	3	2.2 (1.6, 3.4)	11	1	0.9 (-0.2, 2.1)
171430037	3	10.9 (7.1, 25.9)*	4	1	-9.3 (-17.1, -1.6)
170314201	4	3.4 (2.5, 5.4)	10	1	-1.8 (-3.5, -0.1)
171150013	4	7.0 (5.2, 11.1)*	10	1	-3.3 (-7.1, 0.5)
171191007	4	7.8 (5.9, 12.1)*	11	1	0.7 (-3.8, 5.1)
171193007	4	6.1 (4.4, 10.0)	9	1	1.0 (-3.0, 4.9)
171430037	4	8.1 (6.0, 13.0)*	10	1	-1.3 (-6.3, 3.6)
A	1	7.4 (6.5, 8.7)	61	5	
A	2	6.1 (5.2, 7.3)	51	5	
A	3	8.1 (6.8, 10.0)*	38	5	
A	4	6.7 (5.8, 8.1)	50	5	
A	A	7.1 (6.5, 7.7)	200	20	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=IL REPORTING ORGANIZATION=003 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
170310050	1	14.0 (10.5, 21.7)*	11	1	-0.4 (-8.4, 7.7)
170310052	1	5.5 (4.1, 8.6)	11	1	-1.5 (-4.5, 1.6)
170313301	1	12.8 (9.6, 19.9)*	11	1	-1.7 (-8.9, 5.6)
170310050	2	6.8 (5.1, 10.3)*	12	1	2.4 (-1.1, 5.8)
170310052	2	7.1 (5.3, 11.0)*	11	1	-1.1 (-5.1, 2.9)
170313301	2	3.1 (2.2, 5.0)	9	1	-0.1 (-2.1, 1.9)
170310050	3	3.8 (2.8, 6.1)	10	1	2.1 (0.2, 4.1)
170310052	3	6.5 (4.8, 10.0)*	11	1	0.7 (-3.0, 4.4)
170313301	3	4.1 (3.1, 6.4)	11	1	-1.7 (-3.8, 0.5)
170310050	4	2.5 (1.4, 10.8)*	2	1	1.4 (-11.6, 14.3)
170310052	4	8.4 (6.2, 13.4)*	10	1	2.4 (-2.6, 7.3)
170313301	4	6.8 (5.1, 10.3)*	12	1	3.5 (0.4, 6.7)
A	1	11.4 (9.5, 14.4)*	33	3	
A	2	6.1 (5.1, 7.7)	32	3	
A	3	5.0 (4.1, 6.3)	32	3	
A	4	7.3 (5.9, 9.6)	24	3	
A	A	7.9 (7.2, 8.8)	121	12	

---------- REGION=5 STATE=IN REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
180030004	1	2.6 (2.0, 3.8)	14	1	-0.6 (-1.9, 0.6)
180431004	1	5.1 (3.7, 8.1)	10	1	-3.4 (-5.7, -1.1)
180891016	1	2.9 (2.2, 4.1)	15	1	1.9 (0.9, 2.9)
180950009	1	17.4 (13.1, 26.4)*	12	1	8.0 (-0.4, 16.4)
181411008	1	3.7 (2.6, 7.1)	6	1	2.6 (0.2, 5.0)
181570007	1	8.4 (6.4, 12.2)*	14	1	-1.1 (-5.2, 3.0)
181630006	1	1.8 (1.3, 2.8)	11	1	0.7 (-0.3, 1.6)
180030004	2	2.8 (2.1, 4.2)	12	1	0.3 (-1.2, 1.8)
180431004	2	3.1 (2.4, 4.9)	11	1	-2.6 (-3.6, -1.7)
180891016	2	6.6 (5.0, 9.7)	13	1	-0.4 (-3.8, 2.9)
180950009	2	4.7 (3.5, 7.1)	12	1	3.2 (1.4, 5.1)
181411008	2	4.4 (3.3, 6.6)	12	1	3.2 (1.6, 4.8)
181570007	2	7.6 (5.7, 11.5)*	12	1	-1.9 (-5.9, 2.1)
181630006	2	12.2 (9.3, 18.0)*	13	1	3.8 (-2.1, 9.7)
180030004	3	1.6 (1.2, 2.4)	13	1	-0.4 (-1.2, 0.4)
180431004	3	2.2 (1.6, 3.7)	8	1	-1.4 (-2.6, -0.3)
180891016	3	7.9 (5.7, 13.5)*	8	1	-1.2 (-6.8, 4.4)
180950009	3	26.4 (20.0, 40.1)*	12	1	-5.6 (-19.6, 8.4)
181411008	3	2.3 (1.7, 3.8)	9	1	1.6 (0.6, 2.7)
181570007	3	12.6 (9.5, 19.0)*	12	1	-0.2 (-7.0, 6.6)
181630006	3	3.0 (2.2, 4.6)	11	1	-0.7 (-2.4, 0.9)
180030004	4	6.3 (4.7, 9.7)	11	1	-1.3 (-4.8, 2.3)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=IN REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
180431004	4	5.0 (3.8, 7.5)	12	1	-0.3 (-2.9, 2.4)
180891016	4	2.3 (1.7, 3.7)	10	1	0.4 (-1.0, 1.8)
180950009	4	2.3 (1.7, 3.6)	11	1	0.6 (-0.7, 1.8)
181411008	4	10.1 (7.7, 15.0)*	13	1	-2.3 (-7.4, 2.8)
181570007	4	10.5 (7.8, 16.7)*	10	1	-3.5 (-9.5, 2.6)
181630006	4	14.6 (11.0, 22.1)*	12	1	5.4 (-1.9, 12.7)
A	1	8.0 (7.1, 9.1)	82	7	
A	2	6.7 (6.0, 7.7)	85	7	
A	3	12.3 (10.8, 14.2)*	73	7	
A	4	8.6 (7.6, 9.9)	79	7	
A	A	9.0 (8.5, 9.6)	319	28	

---------- REGION=5 STATE=IN REPORTING ORGANIZATION=001 METHOD=119 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
181670023	1	3.6 (2.7, 5.3)	13	1	0.7 (-1.1, 2.5)
181670023	2	3.8 (2.9, 5.6)	13	1	1.7 (-0.0, 3.4)
181670023	3	2.6 (2.0, 3.9)	13	1	0.7 (-0.6, 2.0)
181670023	4	25.8 (19.9, 37.7)*	14	1	8.6 (-3.3, 20.6)
A	1	3.6 (2.7, 5.3)	13	1	
A	2	3.8 (2.9, 5.6)	13	1	
A	3	2.6 (2.0, 3.9)	13	1	
A	4	25.8 (19.9, 37.7)*	14	1	
A	A	13.6 (11.7, 16.2)*	53	4	

---------- REGION=5 STATE=IN REPORTING ORGANIZATION=008 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
180970081	1	17.2 (13.0, 26.0)*	12	1	-0.8 (-10.1, 8.5)
180970083	1	4.1 (3.1, 6.0)	14	1	1.1 (-0.8, 3.1)
180970081	2	4.0 (3.0, 5.8)	14	1	-0.3 (-2.2, 1.7)
180970083	2	4.9 (3.7, 7.3)	13	1	0.3 (-2.2, 2.8)
180970081	3	7.7 (5.9, 11.4)*	13	1	5.7 (3.1, 8.4)
180970083	3	3.5 (2.6, 5.3)	12	1	0.3 (-1.6, 2.1)
180970081	4	3.9 (2.8, 6.4)	9	1	1.6 (-0.8, 3.9)
180970083	4	9.6 (7.4, 13.7)*	15	1	2.7 (-1.6, 7.0)
A	1	12.0 (9.8, 15.6)*	26	2	
A	2	4.4 (3.6, 5.7)	27	2	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=IN REPORTING ORGANIZATION=008 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	3	6.1 (4.9, 7.9)	25	2	
A	4	7.9 (6.4, 10.4)*	24	2	
A	A	8.1 (7.3, 9.2)	102	8	

---------- REGION=5 STATE=MI REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
260650012	1	2.3 (1.8, 3.0)	25	1	0.3 (-0.5, 1.1)
260770008	1	2.1 (1.7, 2.9)	21	1	-0.3 (-1.1, 0.5)
260810020	1	2.6 (2.0, 3.8)	14	1	0.4 (-0.9, 1.6)
261210040	1	2.0 (1.5, 2.9)	14	1	-0.4 (-1.4, 0.5)
261450018	1	4.5 (3.0, 9.3)	5	1	3.7 (1.2, 6.3)
261630001	1	8.3 (6.3, 12.5)*	12	1	1.7 (-2.7, 6.1)
260650012	2	3.8 (3.0, 5.1)	20	1	-0.9 (-2.3, 0.6)
260770008	2	3.3 (2.7, 4.4)	24	1	-1.4 (-2.5, -0.4)
260810020	2	4.6 (3.5, 6.8)	13	1	1.0 (-1.2, 3.3)
261210040	2	3.4 (2.5, 5.6)	9	1	-0.3 (-2.5, 1.9)
261450018	2	3.2 (2.4, 4.8)	12	1	-0.2 (-2.0, 1.5)
261630001	2	5.5 (4.1, 8.5)	11	1	2.1 (-0.8, 5.0)
260650012	3	2.3 (1.8, 3.2)	18	1	-1.4 (-2.2, -0.7)
260770008	3	2.4 (1.9, 3.1)	23	1	-0.0 (-0.9, 0.8)
260810020	3	3.2 (2.3, 5.6)	8	1	0.7 (-1.5, 3.0)
261210040	3	1.8 (1.3, 3.1)	8	1	1.1 (0.1, 2.2)
261450018	3	5.1 (4.0, 7.1)	17	1	2.0 (0.0, 4.1)
261630001	3	3.4 (2.5, 5.1)	12	1	1.2 (-0.5, 2.9)
260650012	4	4.1 (3.1, 6.0)	14	1	2.5 (1.0, 4.1)
260770008	4	3.1 (2.5, 4.1)	23	1	1.9 (1.0, 2.8)
260810020	4	3.2 (2.4, 4.8)	12	1	-2.7 (-3.6, -1.8)
261210040	4	2.8 (2.0, 4.7)	8	1	1.5 (-0.1, 3.2)
261450018	4	2.8 (2.0, 5.1)	7	1	1.7 (-0.1, 3.5)
261630001	4	5.1 (3.9, 7.8)	12	1	1.7 (-0.9, 4.3)
A	1	3.8 (3.4, 4.3)	91	6	
A	2	3.9 (3.5, 4.5)	89	6	
A	3	3.3 (2.9, 3.7)	86	6	
A	4	3.6 (3.2, 4.2)	76	6	
A	A	3.7 (3.4, 3.9)	342	24	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=MN REPORTING ORGANIZATION=001 METHOD=119 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
270854301	1	1.7 (1.0, 7.4)	2	1	-0.7 (-10.2, 8.8)
270854301	2	1.1 (0.7, 5.0)	2	1	-1.1 (-2.3, 0.0)
270854301	3	15.7 (10.8, 30.0)*	6	1	0.8 (-13.3, 14.9)
271377550	3	9.1 (6.1, 19.1)*	5	1	-3.9 (-12.7, 4.8)
271230866	4	20.2 (10.3, 322.2)*	1	1	20.2
271377550	4	10.0 (5.8, 44.2)*	2	1	10.0 (7.8, 12.2)
A	1	1.7 (1.0, 7.4)	2	1	
A	2	1.1 (0.7, 5.0)	2	1	
A	3	13.1 (9.8, 20.3)*	11	2	
A	4	14.2 (8.8, 41.6)*	3	2	
A	A	11.8 (9.3, 16.3)*	18	6	

---------- REGION=5 STATE=MN REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
270530960	1	0.4 (0.2, 6.7)	1	1	-0.4
271230866	1	11.7 (8.8, 17.7)*	12	1	10.0 (6.7, 13.3)
271230868	1	12.2 (9.3, 18.1)*	13	1	3.8 (-2.1, 9.8)
271377550	1	7.7 (5.3, 14.7)*	6	1	3.3 (-3.0, 9.5)
271230866	2	19.7 (12.8, 46.7)*	4	1	8.8 (-15.2, 32.7)
271230868	2	61.8 (35.7, 272.8)*	2	1	43.7 (-232, 319.6)
271377550	2	32.8 (20.3, 95.7)*	3	1	-14.0 (-75.2, 47.3)
271230866	3	1.1 (0.7, 3.2)	3	1	-0.1 (-2.4, 2.2)
271230868	3	8.1 (5.6, 15.6)*	6	1	4.7 (-1.3, 10.7)
271377550	3	7.6 (3.9, 120.5)*	1	1	7.6
271230866	4	20.8 (12.0, 92.0)*	2	1	-9.1 (-127, 109.2)
A	1	11.1 (9.2, 14.0)*	32	4	
A	2	37.1 (27.1, 61.1)*	9	3	
A	3	6.8 (5.0, 10.8)*	10	3	
A	4	20.8 (12.0, 92.0)*	2	1	
A	A	18.3 (15.8, 21.8)*	53	11	

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
390490025	3	1.9 (1.4, 2.9)	12	1	-0.3 (-1.4, 0.7)
A	3	1.9 (1.4, 2.9)	12	1	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=002 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
390932003	4	0.6 (0.3, 1.6)	3	1	-0.4 (-1.2, 0.3)
A	4	0.6 (0.3, 1.6)	3	1	

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=004 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
390811001	1	7.1 (4.8, 14.9)*	5	1	-6.4 (-9.7, -3.0)
390811001	2	4.3 (3.2, 6.7)	11	1	0.1 (-2.4, 2.5)
390811001	3	3.9 (2.8, 6.7)	8	1	-0.2 (-3.0, 2.6)
390811001	4	4.2 (3.0, 6.8)	9	1	-2.7 (-4.8, -0.6)
A	1	7.1 (4.8, 14.9)*	5	1	
A	2	4.3 (3.2, 6.7)	11	1	
A	3	3.9 (2.8, 6.7)	8	1	
A	4	4.2 (3.0, 6.8)	9	1	
A	A	4.7 (3.9, 5.9)	33	4	

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=006 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
391530017	1	3.4 (2.5, 5.6)	9	1	1.9 (0.1, 3.8)
391530017	2	4.1 (3.0, 6.5)	10	1	-0.3 (-2.8, 2.2)
391530017	3	3.9 (2.9, 5.9)	12	1	2.3 (0.5, 4.0)
391530017	4	31.5 (23.0, 51.8)*	9	1	5.0 (-15.4, 25.5)
A	1	3.4 (2.5, 5.6)	9	1	
A	2	4.1 (3.0, 6.5)	10	1	
A	3	3.9 (2.9, 5.9)	12	1	
A	4	31.5 (23.0, 51.8)*	9	1	
A	A	15.3 (13.0, 18.8)*	40	4	

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=007 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
391510017	2	2.5 (1.9, 3.6)	14	1	1.5 (0.6, 2.5)
391510017	3	3.7 (2.8, 5.6)	12	1	1.4 (-0.5, 3.3)
391510017	4	1.3 (1.0, 2.0)	13	1	1.0 (0.5, 1.5)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=007 METHOD=120 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	2	2.5 (1.9, 3.6)	14	1	
A	3	3.7 (2.8, 5.6)	12	1	
A	4	1.3 (1.0, 2.0)	13	1	
A	A	2.6 (2.2, 3.3)	39	3	

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=008 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
390170003	1	5.8 (4.5, 8.7)	13	1	-3.6 (-6.0, -1.3)
390610014	1	4.5 (3.5, 6.7)	13	1	-1.3 (-3.5, 1.0)
390610041	1	8.0 (5.4, 16.8)*	5	1	-2.1 (-10.4, 6.1)
390170003	2	3.5 (2.7, 5.1)	14	1	2.0 (0.6, 3.4)
390610014	2	2.5 (1.9, 3.8)	12	1	1.0 (-0.2, 2.2)
390610041	2	1.5 (1.1, 2.4)	9	1	0.7 (-0.2, 1.5)
390170003	3	5.0 (3.7, 7.7)	11	1	-0.9 (-3.7, 1.8)
390610014	3	2.9 (2.2, 4.4)	12	1	0.1 (-1.5, 1.6)
390610041	3	1.7 (1.3, 2.9)	9	1	0.9 (-0.0, 1.9)
390170003	4	1.7 (1.2, 2.9)	8	1	0.6 (-0.6, 1.7)
390610014	4	3.3 (2.5, 4.9)	13	1	-0.8 (-2.4, 0.9)
A	1	5.8 (4.8, 7.3)	31	3	
A	2	2.8 (2.3, 3.5)	35	3	
A	3	3.5 (2.9, 4.4)	32	3	
A	4	2.8 (2.2, 3.8)	21	2	
A	A	4.0 (3.6, 4.4)	119	11	

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=010 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
391130014	2	14.0 (10.9, 20.2)*	15	1	-2.8 (-9.3, 3.6)
391130014	3	1.5 (1.1, 2.3)	12	1	-0.3 (-1.1, 0.4)
391130014	4	3.0 (2.2, 4.7)	10	1	-1.6 (-3.1, -0.1)
A	2	14.0 (10.9, 20.2)*	15	1	
A	3	1.5 (1.1, 2.3)	12	1	
A	4	3.0 (2.2, 4.7)	10	1	
A	A	9.1 (7.7, 11.3)*	37	3	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=013 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
391450013	3	10.4 (6.8, 24.7)*	4	1	4.1 (-8.9, 17.1)
391450013	4	20.3 (14.8, 33.4)*	9	1	-8.3 (-20.5, 3.9)
A	3	10.4 (6.8, 24.7)*	4	1	
A	4	20.3 (14.8, 33.4)*	9	1	
A	A	17.9 (13.6, 26.6)*	13	2	

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=015 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
390950024	3	19.7 (14.4, 32.4)*	9	1	4.9 (-7.7, 17.4)
390950024	4	4.5 (3.0, 9.5)	5	1	-1.0 (-5.7, 3.7)
A	3	19.7 (14.4, 32.4)*	9	1	
A	4	4.5 (3.0, 9.5)	5	1	
A	A	16.0 (12.3, 23.4)*	14	2	

---------- REGION=5 STATE=OH REPORTING ORGANIZATION=016 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
390990005	1	2.0 (1.5, 3.0)	12	1	0.4 (-0.6, 1.4)
390990005	2	3.1 (2.4, 4.5)	14	1	0.3 (-1.2, 1.8)
390990005	3	2.7 (2.1, 4.0)	13	1	1.6 (0.5, 2.8)
390990005	4	4.8 (3.6, 7.4)	11	1	2.1 (-0.4, 4.5)
A	1	2.0 (1.5, 3.0)	12	1	
A	2	3.1 (2.4, 4.5)	14	1	
A	3	2.7 (2.1, 4.0)	13	1	
A	4	4.8 (3.6, 7.4)	11	1	
A	A	3.2 (2.8, 3.9)	50	4	

---------- REGION=5 STATE=WI REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
551091002	1	4.2 (3.0, 7.1)	8	1	2.0 (-0.7, 4.6)
551091002	2	6.2 (3.6, 27.4)*	2	1	-3.7 (-35.1, 27.7)
551091002	3	7.2 (5.1, 13.0)*	7	1	-0.0 (-5.8, 5.7)
A	1	4.2 (3.0, 7.1)	8	1	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=5 STATE=WI REPORTING ORGANIZATION=001 METHOD=117 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	2	6.2 (3.6, 27.4)*	2	1	
A	3	7.2 (5.1, 13.0)*	7	1	
A	A	5.8 (4.6, 8.2)	17	3	

---------- REGION=5 STATE=WI REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
550090005	1	6.3 (4.8, 9.3)	13	1	-2.5 (-5.4, 0.5)
550250025	1	14.5 (10.6, 23.9)*	9	1	4.7 (-4.3, 13.7)
550310025	1	6.0 (4.8, 8.0)	22	1	-1.4 (-3.6, 0.8)
550790026	1	18.3 (14.0, 27.2)*	13	1	5.4 (-3.6, 14.4)
550790059	1	7.8 (6.0, 11.4)*	14	1	6.1 (3.6, 8.5)
551330027	1	3.6 (2.8, 5.2)	15	1	-1.0 (-2.6, 0.7)
550090005	2	18.4 (14.0, 27.4)*	13	1	-2.5 (-11.9, 6.9)
550250025	2	11.1 (8.7, 15.8)*	16	1	-4.4 (-9.0, 0.3)
550310025	2	5.0 (3.5, 9.0)	7	1	0.1 (-3.9, 4.1)
550790026	2	9.4 (7.2, 14.0)*	13	1	5.7 (1.8, 9.5)
550790059	2	8.9 (6.8, 13.3)*	13	1	4.9 (1.0, 8.7)
551330027	2	4.4 (3.4, 6.6)	13	1	-0.4 (-2.7, 1.9)
550090005	3	2.3 (1.8, 3.2)	17	1	0.4 (-0.6, 1.4)
550250025	3	4.2 (3.3, 5.7)	20	1	0.5 (-1.1, 2.1)
550310025	3	3.7 (2.9, 5.1)	18	1	-0.4 (-1.9, 1.1)
550790026	3	4.3 (3.2, 6.9)	10	1	0.7 (-1.9, 3.3)
550790059	3	2.3 (1.7, 3.8)	9	1	-0.0 (-1.6, 1.5)
551330027	3	3.4 (2.5, 5.5)	9	1	1.2 (-0.9, 3.3)
A	1	10.0 (8.9, 11.5)*	86	6	
A	2	11.0 (9.7, 12.7)*	75	6	
A	3	3.5 (3.1, 4.0)	83	6	
A	A	8.7 (8.1, 9.5)	244	18	

---------- REGION=6 STATE=AR REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
050010001	1	5.8 (4.6, 8.3)	16	1	-2.2 (-4.7, 0.2)
050310001	1	4.6 (3.4, 7.3)	10	1	-0.8 (-3.6, 2.0)
050010001	2	6.3 (4.8, 9.3)	13	1	-1.4 (-4.5, 1.7)
050310001	2	7.3 (5.3, 12.0)*	9	1	0.6 (-4.2, 5.4)
050450002	2	7.8 (5.8, 12.4)*	10	1	-0.4 (-5.2, 4.4)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=6 STATE=AR REPORTING ORGANIZATION=001 METHOD=117 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
050010001	3	1.8 (1.3, 2.9)	10	1	1.2 (0.4, 2.0)
050310001	3	1.6 (1.2, 2.3)	14	1	-0.8 (-1.5, -0.2)
050450002	3	8.7 (6.7, 12.7)*	14	1	3.0 (-1.0, 7.0)
050310001	4	4.4 (3.3, 6.7)	12	1	1.9 (-0.3, 4.0)
050450002	4	4.5 (3.4, 6.7)	12	1	-0.4 (-2.8, 2.0)
A	1	5.4 (4.4, 7.0)	26	2	
A	2	7.1 (5.9, 8.9)	32	3	
A	3	5.4 (4.6, 6.7)	38	3	
A	4	4.4 (3.6, 5.8)	24	2	
A	A	5.7 (5.2, 6.4)	120	10	

---------- REGION=6 STATE=AR REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
051190007	1	2.2 (1.5, 4.3)	6	1	-1.1 (-2.8, 0.7)
051191008	1	6.4 (4.7, 10.5)*	9	1	1.0 (-3.2, 5.1)
051310008	1	4.6 (3.5, 6.8)	13	1	1.0 (-1.3, 3.3)
051190007	2	6.5 (5.0, 9.3)	15	1	3.8 (1.3, 6.3)
051191008	2	5.7 (4.2, 9.2)	10	1	0.6 (-2.9, 4.1)
051310008	2	6.6 (5.0, 10.0)	12	1	-2.4 (-5.7, 0.9)
050010010	3	5.2 (3.2, 15.2)*	3	1	4.7 (-0.1, 9.5)
051190007	3	1.6 (1.2, 2.3)	14	1	0.2 (-0.6, 0.9)
051191008	3	6.1 (4.7, 9.1)	13	1	-2.8 (-5.6, 0.0)
051310008	3	11.7 (9.0, 17.1)*	14	1	0.0 (-5.8, 5.8)
050010010	4	6.7 (4.7, 12.0)*	7	1	-2.1 (-7.1, 3.0)
051190007	4	2.8 (2.1, 4.3)	11	1	-0.8 (-2.3, 0.8)
051191008	4	3.6 (2.7, 5.5)	12	1	0.2 (-1.7, 2.2)
051310008	4	3.3 (2.4, 5.2)	10	1	1.4 (-0.4, 3.2)
A	1	4.9 (4.0, 6.3)	28	3	
A	2	6.3 (5.3, 7.8)	37	3	
A	3	7.6 (6.5, 9.2)	44	4	
A	4	4.1 (3.4, 5.0)	40	4	
A	A	6.0 (5.5, 6.6)	149	14	

---------- REGION=6 STATE=LA REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
220171002	1	3.5 (2.7, 5.0)	15	1	0.3 (-1.3, 1.9)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=6 STATE=LA REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
220330009	1	14.0 (10.9, 20.2)*	15	1	0.5 (-6.1, 7.1)
220550005	1	5.4 (4.1, 8.0)	13	1	-1.9 (-4.5, 0.6)
220710012	1	4.9 (3.7, 7.6)	11	1	3.6 (1.6, 5.5)
220171002	2	13.4 (10.3, 20.0)*	13	1	-2.2 (-9.0, 4.7)
220330009	2	2.6 (2.0, 3.7)	15	1	0.7 (-0.4, 1.9)
220550005	2	3.1 (2.2, 5.0)	9	1	0.9 (-1.0, 2.8)
220710012	2	19.2 (14.9, 27.6)*	15	1	9.5 (1.6, 17.4)
220171002	3	3.2 (2.4, 5.0)	11	1	1.2 (-0.5, 2.9)
220330009	3	5.3 (4.0, 8.0)	12	1	2.6 (0.1, 5.1)
220550005	3	3.6 (2.7, 5.4)	12	1	0.1 (-1.8, 2.1)
220710012	3	4.2 (3.2, 6.3)	12	1	3.3 (1.9, 4.7)
220171002	4	2.8 (2.1, 4.3)	12	1	1.2 (-0.1, 2.6)
220330009	4	1.9 (1.4, 2.9)	12	1	0.0 (-1.0, 1.0)
220550005	4	3.5 (2.7, 5.3)	13	1	-1.2 (-2.9, 0.6)
220710012	4	4.4 (3.3, 6.8)	11	1	2.5 (0.4, 4.5)
A	1	8.4 (7.2, 10.0)	54	4	
A	2	12.5 (10.8, 14.9)*	52	4	
A	3	4.2 (3.6, 5.0)	47	4	
A	4	3.3 (2.8, 3.9)	48	4	
A	A	8.1 (7.5, 8.8)	201	16	

---------- REGION=6 STATE=NM REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
350450006	1	2.8 (2.1, 4.2)	13	1	1.4 (0.1, 2.6)
350490020	1	3.8 (2.3, 11.0)*	3	1	-3.3 (-6.9, 0.2)
350450006	2	3.2 (2.2, 5.7)	7	1	-1.2 (-3.5, 1.1)
350490020	2	0.4 (0.2, 1.8)	2	1	0.0 (-2.5, 2.6)
350450006	3	2.6 (1.6, 7.6)	3	1	2.3 (-0.1, 4.8)
350490020	3	3.6 (2.6, 5.9)	9	1	-0.4 (-2.7, 2.0)
350450006	4	4.5 (3.4, 6.6)	13	1	-3.0 (-4.7, -1.2)
350490020	4	3.4 (2.5, 5.1)	12	1	0.4 (-1.4, 2.2)
A	1	3.0 (2.3, 4.3)	16	2	
A	2	2.8 (2.0, 4.6)	9	2	
A	3	3.4 (2.6, 5.1)	12	2	
A	4	4.0 (3.2, 5.2)	25	2	
A	A	3.5 (3.0, 4.1)	62	8	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=6 STATE=NM REPORTING ORGANIZATION=002 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
350010023	1	2.3 (1.9, 3.0)	26	1	1.2 (0.5, 1.8)
350010023	2	4.1 (3.1, 6.0)	14	1	-1.1 (-3.0, 0.9)
350010023	3	7.3 (5.6, 10.8)*	13	1	-2.0 (-5.6, 1.6)
350010023	4	3.5 (3.0, 4.4)	35	1	0.8 (-0.2, 1.8)
350010024	4	3.6 (2.1, 15.7)*	2	1	-3.6 (-4.8, -2.3)
A	1	2.3 (1.9, 3.0)	26	1	
A	2	4.1 (3.1, 6.0)	14	1	
A	3	7.3 (5.6, 10.8)*	13	1	
A	4	3.5 (3.0, 4.4)	37	2	
A	A	4.1 (3.7, 4.7)	90	5	

---------- REGION=6 STATE=NM REPORTING ORGANIZATION=007 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
350439004	1	4.4 (3.4, 6.4)	14	1	0.2 (-2.0, 2.3)
350439004	3	6.6 (3.4, 106.0)*	1	1	-6.6
A	1	4.4 (3.4, 6.4)	14	1	
A	3	6.6 (3.4, 106.0)*	1	1	
A	A	4.5 (3.5, 6.5)	15	2	

---------- REGION=6 STATE=OK REPORTING ORGANIZATION=101 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
400310648	1	4.7 (3.5, 7.3)	11	1	2.2 (-0.1, 4.6)
401090035	1	4.2 (3.1, 6.3)	12	1	0.0 (-2.2, 2.3)
401430110	1	1.8 (1.4, 2.7)	13	1	1.1 (0.4, 1.9)
400310648	2	2.0 (1.5, 3.1)	11	1	0.8 (-0.2, 1.9)
401090035	2	3.8 (2.8, 6.3)	9	1	2.1 (0.0, 4.2)
401430110	2	5.3 (3.7, 10.2)*	6	1	-0.3 (-5.1, 4.5)
400310648	3	3.9 (2.9, 6.2)	10	1	1.6 (-0.6, 3.7)
401090035	3	3.6 (2.7, 5.8)	10	1	2.2 (0.4, 3.9)
401430110	3	6.2 (4.6, 9.9)	10	1	-1.9 (-5.6, 1.7)
400310648	4	2.4 (1.7, 4.3)	7	1	-0.2 (-2.1, 1.7)
401090035	4	7.3 (5.4, 11.7)*	10	1	2.5 (-1.8, 6.7)
401430110	4	4.5 (3.4, 7.0)	11	1	-1.5 (-3.9, 0.9)
A	1	3.7 (3.1, 4.6)	36	3	
A	2	3.7 (3.0, 4.8)	26	3	
A	3	4.7 (3.9, 6.0)	30	3	
A	4	5.4 (4.4, 6.9)	28	3	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=6 STATE=OK REPORTING ORGANIZATION=101 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	A	4.4 (4.0, 4.9)	120	12	

---------- REGION=6 STATE=OK REPORTING ORGANIZATION=106 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
400219002	1	3.7 (2.6, 6.3)	8	1	0.3 (-2.3, 3.0)
400719003	1	31.5 (21.8, 60.4)*	6	1	-6.4 (-34.2, 21.4)
400219002	2	2.3 (1.6, 4.5)	6	1	-0.0 (-2.1, 2.1)
400719003	2	3.9 (3.0, 6.0)	12	1	-2.4 (-4.1, -0.7)
400219002	3	1.8 (1.2, 3.9)	5	1	-1.2 (-2.7, 0.3)
400719003	3	2.5 (1.9, 3.6)	14	1	-0.1 (-1.4, 1.1)
A	1	20.8 (16.0, 30.4)*	14	2	
A	2	3.5 (2.8, 4.8)	18	2	
A	3	2.3 (1.8, 3.2)	19	2	
A	A	11.2 (9.6, 13.4)*	51	6	

---------- REGION=6 STATE=OK REPORTING ORGANIZATION=107 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
400470554	1	1.9 (1.4, 3.5)	7	1	1.1 (-0.1, 2.4)
400470554	2	4.9 (3.6, 7.5)	11	1	-0.3 (-3.1, 2.4)
400470554	3	4.8 (3.5, 7.8)	9	1	-0.8 (-3.8, 2.3)
400470554	4	3.9 (2.8, 6.4)	9	1	-0.4 (-3.0, 2.1)
A	1	1.9 (1.4, 3.5)	7	1	
A	2	4.9 (3.6, 7.5)	11	1	
A	3	4.8 (3.5, 7.8)	9	1	
A	4	3.9 (2.8, 6.4)	9	1	
A	A	4.2 (3.5, 5.2)	36	4	

---------- REGION=6 STATE=TX REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
481130050	1	2.3 (1.5, 5.5)	4	1	-1.6 (-3.9, 0.7)
481130069	1	1.7 (1.3, 2.7)	11	1	-0.0 (-1.0, 1.0)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=6 STATE=TX REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
481410010	1	1.1 (0.6, 18.3)*	1	1	1.1
481410044	1	11.9 (8.4, 21.5)*	7	1	-0.1 (-9.6, 9.4)
482011035	1	4.6 (3.3, 8.3)	7	1	2.7 (-0.3, 5.7)
482450021	1	0.7 (0.3, 10.5)*	1	1	-0.7
484391002	1	8.3 (6.2, 12.8)*	11	1	-0.6 (-5.3, 4.1)
484393006	1	3.7 (2.8, 5.8)	11	1	1.9 (0.1, 3.7)
484530020	1	11.7 (8.5, 19.3)*	9	1	2.8 (-4.7, 10.3)
480290060	2	0.5 (0.2, 7.5)	1	1	-0.5
481130050	2	2.5 (1.9, 3.9)	11	1	1.7 (0.7, 2.8)
481130069	2	2.8 (2.1, 4.2)	12	1	0.7 (-0.8, 2.1)
481410010	2	6.7 (3.9, 29.5)*	2	1	5.8 (-15.7, 27.2)
481410044	2	10.7 (7.9, 17.0)*	10	1	-7.6 (-12.2, -3.0)
482011035	2	4.1 (2.8, 8.6)	5	1	-1.6 (-5.7, 2.4)
482450021	2	1.7 (1.1, 5.0)	3	1	0.4 (-3.1, 3.8)
483550032	2	5.3 (3.5, 12.6)*	4	1	-3.1 (-9.0, 2.7)
484391002	2	3.0 (2.2, 4.7)	11	1	-0.5 (-2.2, 1.1)
484393006	2	4.4 (3.3, 6.5)	13	1	-0.7 (-2.9, 1.5)
484530020	2	1.6 (1.2, 2.7)	9	1	-0.9 (-1.8, 0.1)
480290060	3	5.6 (3.9, 10.0)	7	1	-2.6 (-6.5, 1.2)
481130050	3	3.2 (2.4, 4.6)	14	1	1.1 (-0.3, 2.6)
481130069	3	3.1 (2.4, 4.4)	15	1	0.7 (-0.7, 2.1)
481410044	3	7.8 (5.7, 12.4)*	10	1	-0.1 (-4.9, 4.6)
481671005	3	6.7 (4.2, 19.6)*	3	1	6.6 (3.6, 9.5)
482010024	3	0.5 (0.3, 2.3)	2	1	-0.4 (-2.7, 2.0)
482011035	3	2.1 (1.5, 3.5)	9	1	-0.5 (-1.8, 0.9)
482450021	3	22.1 (16.3, 35.2)*	10	1	13.7 (3.1, 24.3)
483550032	3	3.1 (2.1, 5.9)	6	1	2.5 (0.8, 4.1)
484391002	3	3.4 (2.6, 5.1)	12	1	1.2 (-0.5, 2.9)
484393006	3	2.4 (1.8, 3.5)	14	1	1.3 (0.3, 2.3)
484530020	3	4.1 (3.2, 6.0)	14	1	-1.8 (-3.6, 0.1)
480290060	4	4.1 (2.5, 12.0)*	3	1	1.9 (-5.6, 9.4)
481130050	4	4.0 (3.0, 6.4)	10	1	3.5 (2.3, 4.7)
481130069	4	2.5 (1.9, 3.8)	11	1	-0.4 (-1.8, 1.1)
481410044	4	3.9 (2.9, 6.0)	11	1	2.1 (0.2, 4.0)
481671005	4	3.1 (2.2, 5.6)	7	1	1.6 (-0.6, 3.7)
482011035	4	2.1 (1.5, 3.4)	9	1	-0.4 (-1.7, 0.9)
482450021	4	16.4 (11.6, 29.5)*	7	1	2.8 (-10.0, 15.7)
483550032	4	2.6 (1.8, 4.6)	7	1	0.4 (-1.6, 2.4)
484391002	4	2.5 (1.9, 4.0)	10	1	-1.0 (-2.4, 0.5)
484393006	4	2.9 (2.2, 4.3)	13	1	-0.1 (-1.6, 1.4)
484530020	4	7.4 (4.6, 21.5)*	3	1	-5.3 (-15.9, 5.3)
A	1	7.3 (6.4, 8.6)	62	9	
A	2	4.9 (4.4, 5.7)	81	11	
A	3	7.6 (6.9, 8.5)	116	12	
A	4	5.6 (5.0, 6.3)	91	11	
A	A	6.5 (6.1, 6.9)	350	43	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=7 STATE=IA REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
191532520	1	2.6 (2.0, 3.7)	15	1	1.3 (0.2, 2.4)
191532520	2	2.3 (1.7, 3.4)	13	1	0.4 (-0.7, 1.6)
191532520	3	3.6 (2.8, 5.1)	15	1	1.0 (-0.6, 2.6)
191532520	4	7.2 (5.6, 10.4)*	15	1	0.8 (-2.6, 4.1)
A	1	2.6 (2.0, 3.7)	15	1	
A	2	2.3 (1.7, 3.4)	13	1	
A	3	3.6 (2.8, 5.1)	15	1	
A	4	7.2 (5.6, 10.4)*	15	1	
A	A	4.4 (3.8, 5.2)	58	4	

---------- REGION=7 STATE=IA REPORTING ORGANIZATION=002 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
191130037	1	6.5 (4.8, 10.1)*	11	1	2.9 (-0.4, 6.2)
191130037	2	3.1 (2.3, 5.0)	10	1	1.5 (-0.2, 3.2)
191130037	3	3.1 (2.4, 4.6)	14	1	1.1 (-0.4, 2.5)
191130037	4	2.6 (2.0, 3.9)	13	1	-0.2 (-1.6, 1.1)
A	1	6.5 (4.8, 10.1)*	11	1	
A	2	3.1 (2.3, 5.0)	10	1	
A	3	3.1 (2.4, 4.6)	14	1	
A	4	2.6 (2.0, 3.9)	13	1	
A	A	4.0 (3.5, 4.9)	48	4	

---------- REGION=7 STATE=IA REPORTING ORGANIZATION=003 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
190450021	1	2.3 (1.9, 3.1)	22	1	1.0 (0.3, 1.8)
191550009	1	2.4 (1.9, 3.3)	18	1	-1.2 (-2.0, -0.3)
191630015	1	2.7 (2.1, 3.7)	18	1	-0.2 (-1.3, 0.9)
190450021	2	2.5 (1.9, 3.4)	18	1	1.0 (0.1, 2.0)
191550009	2	3.8 (2.9, 5.3)	16	1	2.8 (1.6, 3.9)
191630015	2	2.5 (1.9, 3.6)	15	1	-1.2 (-2.2, -0.2)
190450021	3	1.8 (1.4, 2.4)	21	1	-0.5 (-1.1, 0.2)
191550009	3	2.7 (2.2, 3.6)	23	1	-0.5 (-1.4, 0.5)
191630015	3	2.2 (1.8, 3.1)	19	1	0.5 (-0.4, 1.4)
190450021	4	4.6 (3.7, 6.3)	21	1	-2.4 (-4.0, -0.9)
191550009	4	5.8 (4.5, 8.5)	14	1	0.8 (-2.1, 3.6)
191630015	4	2.6 (2.0, 3.7)	15	1	-0.7 (-1.9, 0.4)
A	1	2.5 (2.1, 2.9)	58	3	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=7 STATE=IA REPORTING ORGANIZATION=003 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	2	3.0 (2.5, 3.6)	49	3	
A	3	2.3 (2.0, 2.7)	63	3	
A	4	4.5 (3.9, 5.4)	50	3	
A	A	3.1 (2.9, 3.4)	220	12	

---------- REGION=7 STATE=KS REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
200910007	1	2.5 (1.9, 3.6)	14	1	2.1 (1.4, 2.7)
201070002	1	4.2 (3.2, 6.2)	13	1	1.1 (-1.0, 3.2)
201730010	1	6.7 (5.1, 10.2)*	12	1	4.5 (1.8, 7.2)
202090021	1	4.1 (3.1, 5.9)	14	1	-2.9 (-4.3, -1.4)
200910007	2	4.5 (3.4, 6.8)	12	1	1.3 (-1.0, 3.6)
201070002	2	4.1 (3.0, 6.5)	10	1	0.3 (-2.2, 2.8)
201730010	2	5.4 (4.1, 8.2)	12	1	2.2 (-0.5, 4.9)
202090021	2	2.8 (2.1, 4.1)	13	1	1.2 (-0.1, 2.4)
200910007	3	3.8 (2.8, 6.3)	9	1	2.8 (1.0, 4.5)
201070002	3	6.6 (4.6, 11.8)*	7	1	-0.0 (-5.2, 5.2)
201730010	3	3.6 (2.8, 5.2)	15	1	0.0 (-1.7, 1.7)
202090021	3	6.3 (4.9, 9.0)	15	1	-1.9 (-4.7, 0.9)
200910007	4	2.3 (1.8, 3.5)	12	1	1.0 (-0.1, 2.2)
201070002	4	1.9 (1.4, 3.1)	10	1	0.4 (-0.8, 1.5)
201730010	4	9.6 (7.2, 14.9)*	11	1	5.9 (1.5, 10.2)
202090021	4	2.1 (1.5, 3.2)	11	1	0.6 (-0.6, 1.7)
A	1	4.5 (3.9, 5.4)	53	4	
A	2	4.3 (3.6, 5.1)	47	4	
A	3	5.2 (4.4, 6.2)	46	4	
A	4	5.1 (4.4, 6.2)	44	4	
A	A	4.8 (4.4, 5.2)	190	16	

---------- REGION=7 STATE=MO REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
290210010	1	2.2 (1.8, 2.8)	27	1	-0.2 (-0.9, 0.5)
290470026	1	4.6 (3.5, 6.8)	13	1	1.3 (-0.9, 3.6)
291831002	1	2.7 (2.2, 3.6)	22	1	0.8 (-0.2, 1.7)
290210010	2	2.5 (2.0, 3.4)	20	1	-0.6 (-1.6, 0.3)
290470026	2	5.2 (4.0, 7.8)	13	1	3.2 (1.1, 5.3)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=7 STATE=MO REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
291831002	2	2.6 (2.2, 3.4)	26	1	-0.4 (-1.3, 0.5)
290210010	3	2.0 (1.6, 2.5)	27	1	0.4 (-0.2, 1.1)
290470026	3	3.6 (2.8, 5.5)	12	1	2.9 (1.7, 4.1)
291831002	3	2.2 (1.8, 2.8)	29	1	0.6 (-0.0, 1.3)
290210010	4	2.8 (2.2, 3.6)	24	1	-1.3 (-2.1, -0.4)
290470026	4	3.1 (2.3, 4.8)	11	1	0.3 (-1.5, 2.0)
291831002	4	3.5 (2.8, 4.5)	25	1	1.4 (0.3, 2.5)
A	1	3.0 (2.6, 3.5)	62	3	
A	2	3.3 (2.9, 3.9)	59	3	
A	3	2.4 (2.1, 2.8)	68	3	
A	4	3.1 (2.7, 3.7)	60	3	
A	A	3.0 (2.8, 3.2)	249	12	

---------- REGION=7 STATE=MO REPORTING ORGANIZATION=002 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
291892003	2	1.9 (1.1, 8.2)	2	1	0.2 (-11.5, 11.9)
A	2	1.9 (1.1, 8.2)	2	1	

---------- REGION=7 STATE=MO REPORTING ORGANIZATION=002 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
291892003	1	5.7 (4.2, 9.1)	10	1	3.7 (1.0, 6.3)
291892003	2	12.4 (9.2, 19.8)*	10	1	4.0 (-3.2, 11.2)
291892003	3	8.6 (6.6, 12.8)*	13	1	-3.2 (-7.3, 0.9)
291892003	4	2.8 (2.1, 4.5)	10	1	1.6 (0.2, 3.1)
A	1	5.7 (4.2, 9.1)	10	1	
A	2	12.4 (9.2, 19.8)*	10	1	
A	3	8.6 (6.6, 12.8)*	13	1	
A	4	2.8 (2.1, 4.5)	10	1	
A	A	8.2 (7.0, 10.0)*	43	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=7 STATE=MO REPORTING ORGANIZATION=003 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
295100085	1	10.1 (9.0, 11.6)*	83	1	1.2 (-0.6, 3.1)
295100085	2	2.9 (2.5, 3.3)	75	1	0.4 (-0.2, 0.9)
295100085	3	2.2 (1.9, 2.5)	89	1	-0.6 (-1.0, -0.3)
295100085	4	5.2 (4.5, 6.0)	68	1	-0.6 (-1.6, 0.4)
A	1	10.1 (9.0, 11.6)*	83	1	
A	2	2.9 (2.5, 3.3)	75	1	
A	3	2.2 (1.9, 2.5)	89	1	
A	4	5.2 (4.5, 6.0)	68	1	
A	A	6.0 (5.6, 6.4)	315	4	

---------- REGION=7 STATE=MO REPORTING ORGANIZATION=004 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
290952002	1	2.3 (1.8, 3.3)	16	1	-1.7 (-2.4, -1.0)
290952002	2	2.7 (2.0, 4.0)	13	1	0.3 (-1.1, 1.6)
290952002	3	1.6 (1.2, 2.3)	14	1	0.6 (-0.1, 1.4)
290952002	4	1.6 (1.2, 2.3)	14	1	-1.0 (-1.6, -0.3)
A	1	2.3 (1.8, 3.3)	16	1	
A	2	2.7 (2.0, 4.0)	13	1	
A	3	1.6 (1.2, 2.3)	14	1	
A	4	1.6 (1.2, 2.3)	14	1	
A	A	2.1 (1.8, 2.5)	57	4	

---------- REGION=7 STATE=MO REPORTING ORGANIZATION=005 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
290770032	1	6.3 (4.8, 9.3)	13	1	1.0 (-2.1, 4.2)
290770032	2	4.1 (3.1, 6.0)	13	1	1.0 (-1.0, 3.0)
290770032	3	2.2 (1.7, 3.3)	13	1	1.2 (0.2, 2.1)
290770032	4	2.1 (1.6, 3.2)	12	1	-1.1 (-2.1, -0.1)
A	1	6.3 (4.8, 9.3)	13	1	
A	2	4.1 (3.1, 6.0)	13	1	
A	3	2.2 (1.7, 3.3)	13	1	
A	4	2.1 (1.6, 3.2)	12	1	
A	A	4.1 (3.5, 4.9)	51	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=7 STATE=NE REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
311090022	1	3.4 (2.5, 5.6)	9	1	2.0 (0.1, 3.8)
311530007	1	17.2 (11.2, 40.8)*	4	1	-4.5 (-27.0, 18.1)
311090022	2	4.3 (3.1, 7.1)	9	1	2.8 (0.7, 5.0)
311530007	2	4.4 (2.9, 10.5)*	4	1	2.8 (-1.8, 7.4)
311090022	3	3.5 (2.5, 5.7)	9	1	1.8 (-0.1, 3.7)
311530007	3	2.1 (1.4, 5.1)	4	1	2.0 (1.1, 3.0)
311090022	4	1.9 (1.3, 3.4)	7	1	1.3 (0.1, 2.4)
311530007	4	4.7 (3.3, 8.0)	8	1	2.1 (-0.9, 5.1)
A	1	9.9 (7.6, 14.8)*	13	2	
A	2	4.3 (3.3, 6.5)	13	2	
A	3	3.1 (2.4, 4.6)	13	2	
A	4	3.6 (2.8, 5.2)	15	2	
A	A	5.9 (5.1, 7.0)	54	8	

---------- REGION=7 STATE=NE REPORTING ORGANIZATION=003 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
310550019	1	14.7 (10.9, 23.4)*	10	1	7.0 (-0.9, 14.9)
310550052	1	26.1 (18.7, 44.7)*	8	1	-7.7 (-25.6, 10.2)
310550019	2	5.6 (3.9, 10.8)*	6	1	3.7 (-0.1, 7.5)
310550052	2	22.3 (13.8, 65.0)*	3	1	4.0 (-41.3, 49.2)
310550019	3	3.9 (2.9, 6.1)	11	1	-0.1 (-2.3, 2.2)
310550052	3	2.6 (1.8, 4.9)	6	1	1.4 (-0.5, 3.3)
310550019	4	19.0 (12.8, 39.8)*	5	1	-3.3 (-23.3, 16.7)
310550052	4	13.7 (7.0, 218.3)*	1	1	-13.7
A	1	20.6 (16.2, 28.5)*	18	2	
A	2	13.7 (10.0, 22.5)*	9	2	
A	3	3.5 (2.7, 4.9)	17	2	
A	4	18.3 (12.6, 35.0)*	6	2	
A	A	15.2 (13.0, 18.2)*	50	8	

---------- REGION=8 STATE=CO REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
080010001	1	4.0 (3.1, 5.8)	15	1	1.2 (-0.6, 3.0)
080410011	1	11.1 (7.6, 21.2)*	6	1	-3.7 (-13.1, 5.7)
080770003	1	1.8 (1.3, 3.2)	8	1	-0.9 (-2.0, 0.3)
080010001	2	5.6 (4.1, 9.2)	9	1	-3.4 (-6.3, -0.4)
080410011	2	3.6 (2.4, 7.6)	5	1	1.4 (-2.1, 5.0)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=8 STATE=CO REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
080770003	2	4.2 (2.1, 66.3)*	1	1	-4.2
080010001	3	5.8 (4.4, 8.4)	14	1	1.1 (-1.7, 3.9)
080410011	3	7.9 (5.9, 11.9)*	12	1	-3.4 (-7.2, 0.4)
080770003	3	1.4 (0.9, 4.0)	3	1	0.1 (-2.8, 2.9)
080010001	4	6.4 (4.8, 9.7)	12	1	2.4 (-0.8, 5.7)
080410011	4	11.9 (9.0, 18.1)*	12	1	3.5 (-2.7, 9.7)
080770003	4	8.6 (6.4, 13.4)*	11	1	4.4 (0.2, 8.6)
A	1	5.9 (4.9, 7.5)	29	3	
A	2	4.9 (3.8, 7.1)	15	3	
A	3	6.5 (5.3, 8.3)	29	3	
A	4	9.3 (7.8, 11.6)*	35	3	
A	A	7.2 (6.5, 8.1)	108	12	

---------- REGION=8 STATE=MT REPORTING ORGANIZATION=033 METHOD=119 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
300470028	1	6.8 (5.2, 9.9)	14	1	-1.2 (-4.5, 2.1)
300470028	2	4.7 (3.4, 7.7)	9	1	2.4 (-0.2, 5.0)
300470028	3	24.4 (18.1, 38.9)*	10	1	-5.2 (-19.8, 9.4)
300470028	4	3.2 (2.4, 4.8)	12	1	0.4 (-1.3, 2.1)
A	1	6.8 (5.2, 9.9)	14	1	
A	2	4.7 (3.4, 7.7)	9	1	
A	3	24.4 (18.1, 38.9)*	10	1	
A	4	3.2 (2.4, 4.8)	12	1	
A	A	12.4 (10.6, 15.0)*	45	4	

---------- REGION=8 STATE=MT REPORTING ORGANIZATION=037 METHOD=119 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
300870307	1	22.1 (15.3, 42.3)*	6	1	9.2 (-8.9, 27.3)
300870307	2	3.6 (2.2, 10.4)*	3	1	2.6 (-2.3, 7.6)
300870307	3	6.5 (4.8, 10.0)*	11	1	1.4 (-2.2, 5.0)
A	1	22.1 (15.3, 42.3)*	6	1	
A	2	3.6 (2.2, 10.4)*	3	1	
A	3	6.5 (4.8, 10.0)*	11	1	
A	A	13.1 (10.5, 17.8)*	20	3	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=8 STATE=ND REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
380130003	1	6.1 (4.4, 10.0)*	9	1	-4.1 (-7.1, -1.1)
380570004	1	3.4 (2.5, 5.3)	10	1	0.9 (-1.1, 2.9)
380130003	2	2.1 (1.1, 34.0)*	1	1	-2.1
380570004	2	7.9 (4.9, 23.0)*	3	1	-4.1 (-17.9, 9.6)
380130003	3	2.8 (1.8, 8.3)	3	1	-1.9 (-6.3, 2.6)
380570004	3	4.8 (3.3, 9.2)	6	1	1.6 (-2.4, 5.7)
380130003	4	6.6 (4.5, 13.9)*	5	1	3.1 (-3.2, 9.3)
380570004	4	3.7 (2.6, 7.1)	6	1	-2.3 (-4.9, 0.3)
A	1	4.8 (3.8, 6.6)	19	2	
A	2	6.9 (4.5, 16.3)*	4	2	
A	3	4.2 (3.1, 7.0)	9	2	
A	4	5.2 (3.9, 8.1)	11	2	
A	A	5.1 (4.3, 6.2)	43	8	

---------- REGION=8 STATE=ND REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
380171004	1	5.2 (4.1, 7.0)	20	1	2.3 (0.5, 4.2)
380171004	2	2.5 (1.8, 4.1)	9	1	0.2 (-1.4, 1.9)
380171004	3	3.6 (2.8, 5.0)	18	1	0.8 (-0.6, 2.3)
380171004	4	1.4 (1.1, 2.1)	14	1	-0.3 (-1.0, 0.4)
A	1	5.2 (4.1, 7.0)	20	1	
A	2	2.5 (1.8, 4.1)	9	1	
A	3	3.6 (2.8, 5.0)	18	1	
A	4	1.4 (1.1, 2.1)	14	1	
A	A	3.7 (3.3, 4.4)	61	4	

---------- REGION=8 STATE=SD REPORTING ORGANIZATION=001 METHOD=119 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
460130003	1	16.1 (9.3, 71.2)*	2	1	10.5 (-66.9, 87.8)
460990006	1	13.0 (9.3, 22.2)*	8	1	6.3 (-1.9, 14.4)
460130003	2	4.5 (2.6, 19.8)*	2	1	3.2 (-16.8, 23.2)
460990006	2	14.2 (8.8, 41.4)*	3	1	-8.3 (-32.0, 15.4)
460130003	3	3.2 (2.4, 4.8)	12	1	1.2 (-0.3, 2.8)
460990006	3	6.6 (4.9, 9.9)	12	1	2.4 (-0.9, 5.7)
460130003	4	23.4 (16.8, 40.1)*	8	1	-17.3 (-28.6, -5.9)
460990006	4	15.7 (10.9, 30.1)*	6	1	6.8 (-6.0, 19.6)
A	1	13.7 (10.1, 21.8)*	10	2	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=8 STATE=SD REPORTING ORGANIZATION=001 METHOD=119 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
A	2	11.3 (7.6, 23.7)*	5	2	
A	3	5.2 (4.2, 6.8)	24	2	
A	4	20.5 (15.8, 29.9)*	14	2	
A	A	13.1 (11.3, 15.6)*	53	8	

---------- REGION=8 STATE=SD REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
461031001	1	18.5 (11.4, 54.0)*	3	1	-9.2 (-42.3, 23.8)
461031001	2	11.9 (7.4, 34.7)*	3	1	-11.4 (-18.5, -4.2)
461031001	3	6.1 (4.5, 9.4)	11	1	-1.8 (-5.1, 1.6)
461031001	4	7.8 (5.5, 14.0)*	7	1	0.9 (-5.2, 7.0)
A	1	18.5 (11.4, 54.0)*	3	1	
A	2	11.9 (7.4, 34.7)*	3	1	
A	3	6.1 (4.5, 9.4)	11	1	
A	4	7.8 (5.5, 14.0)*	7	1	
A	A	9.7 (7.9, 12.8)*	24	4	

---------- REGION=8 STATE=UT REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
490110001	2	4.6 (2.7, 20.4)*	2	1	-4.5 (-11.1, 2.1)
490570007	2	3.8 (2.2, 16.9)*	2	1	-2.1 (-22.4, 18.1)
490110001	3	5.9 (4.4, 9.2)	11	1	2.0 (-1.2, 5.2)
490570007	3	5.0 (3.7, 7.7)	11	1	1.6 (-1.1, 4.3)
490110001	4	2.5 (1.8, 4.1)	9	1	1.9 (0.8, 3.0)
490570007	4	4.8 (3.5, 7.8)	9	1	2.8 (0.3, 5.3)
A	2	4.2 (2.8, 10.1)*	4	2	
A	3	5.5 (4.4, 7.3)	22	2	
A	4	3.8 (3.0, 5.3)	18	2	
A	A	4.8 (4.1, 5.8)	44	6	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=8 STATE=UT REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
490353007	1	3.7 (1.9, 58.6)*	1	1	-3.7
490494001	1	14.9 (10.9, 24.5)*	9	1	-2.1 (-11.8, 7.6)
490353007	2	10.3 (6.7, 24.5)*	4	1	8.6 (0.8, 16.3)
490494001	2	6.1 (4.4, 10.5)*	8	1	3.4 (-0.3, 7.0)
490353007	3	20.3 (14.8, 33.4)*	9	1	7.8 (-4.5, 20.2)
490494001	3	3.7 (2.6, 6.3)	8	1	3.1 (1.8, 4.5)
490353007	4	2.2 (1.7, 3.3)	12	1	-1.1 (-2.1, -0.1)
490494001	4	2.9 (2.2, 4.5)	11	1	2.2 (1.1, 3.3)
A	1	14.2 (10.5, 22.6)*	10	2	
A	2	7.8 (5.9, 11.8)*	12	2	
A	3	15.0 (11.8, 21.0)*	17	2	
A	4	2.6 (2.1, 3.4)	23	2	
A	A	10.4 (9.1, 12.2)*	62	8	

---------- REGION=8 STATE=WY REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
560330002	1	4.5 (3.5, 6.6)	14	1	1.3 (-0.8, 3.4)
560330002	2	4.1 (2.9, 7.0)	8	1	0.5 (-2.4, 3.4)
560330002	3	8.6 (6.4, 13.8)*	10	1	-0.7 (-5.9, 4.6)
560330002	4	2.3 (1.7, 3.4)	13	1	1.7 (1.0, 2.5)
A	1	4.5 (3.5, 6.6)	14	1	
A	2	4.1 (2.9, 7.0)	8	1	
A	3	8.6 (6.4, 13.8)*	10	1	
A	4	2.3 (1.7, 3.4)	13	1	
A	A	5.2 (4.5, 6.3)	45	4	

---------- REGION=9 STATE=AZ REPORTING ORGANIZATION=300 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
040191028	1	6.7 (4.1, 19.4)*	3	1	-6.3 (-10.9, -1.7)
040191028	2	4.3 (3.1, 7.4)	8	1	-2.5 (-5.1, -0.0)
040191028	3	4.8 (3.0, 14.0)*	3	1	2.8 (-5.3, 10.9)
A	1	6.7 (4.1, 19.4)*	3	1	
A	2	4.3 (3.1, 7.4)	8	1	
A	3	4.8 (3.0, 14.0)*	3	1	
A	A	5.0 (3.9, 7.3)	14	3	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060170011	1	2.0 (1.5, 3.4)	9	1	0.7 (-0.6, 2.0)
061010003	1	10.2 (7.4, 16.8)*	9	1	5.2 (-0.5, 11.0)
060170011	2	6.9 (4.3, 20.3)*	3	1	-5.6 (-14.0, 2.8)
061010003	2	3.3 (2.2, 7.0)	5	1	-1.5 (-4.7, 1.7)
060170011	3	4.2 (2.8, 8.8)	5	1	-1.9 (-5.9, 2.1)
061010003	3	6.1 (4.5, 10.1)*	9	1	2.0 (-1.8, 5.9)
060170011	4	7.7 (4.8, 22.5)*	3	1	6.3 (-2.9, 15.5)
061010003	4	3.3 (2.0, 9.5)	3	1	-1.9 (-7.4, 3.6)
A	1	7.4 (5.8, 10.2)*	18	2	
A	2	5.0 (3.6, 8.5)	8	2	
A	3	5.5 (4.3, 8.1)	14	2	
A	4	5.9 (4.1, 11.3)*	6	2	
A	A	6.3 (5.4, 7.6)	46	8	

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=001 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060190008	1	13.4 (9.5, 24.2)*	7	1	-1.0 (-11.6, 9.6)
060571001	1	8.5 (6.2, 13.9)*	9	1	7.3 (4.4, 10.1)
060670006	1	10.5 (7.5, 18.0)*	8	1	-2.1 (-9.5, 5.3)
060190008	2	5.6 (4.2, 8.7)	11	1	1.8 (-1.2, 4.9)
060571001	2	17.7 (9.0, 281.9)*	1	1	-17.7
060670006	2	9.1 (6.1, 19.0)*	5	1	-0.9 (-10.5, 8.7)
060190008	3	7.2 (5.6, 10.4)*	15	1	-2.4 (-5.6, 0.8)
060571001	3	7.7 (5.4, 13.8)*	7	1	-3.9 (-9.1, 1.4)
060670006	3	10.4 (7.0, 21.8)*	5	1	-8.8 (-14.8, -2.8)
060190008	4	3.8 (2.6, 7.9)	5	1	-2.2 (-5.5, 1.1)
060571001	4	4.8 (3.0, 14.0)*	3	1	-2.8 (-10.9, 5.3)
A	1	10.8 (8.8, 14.2)*	24	3	
A	2	7.9 (6.2, 11.1)*	17	3	
A	3	8.0 (6.6, 10.4)*	27	3	
A	4	4.2 (3.0, 7.2)	8	2	
A	A	8.7 (7.7, 10.0)*	76	11	

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=019 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060798001	1	3.6 (2.7, 5.5)	11	1	-1.8 (-3.6, -0.0)
060798001	2	2.9 (2.0, 5.2)	7	1	-1.8 (-3.6, -0.0)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=019 METHOD=117 ----------
(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060798001	3	3.0 (2.2, 4.9)	9	1	-2.2 (-3.5, -0.8)
060798001	4	2.5 (1.9, 4.0)	10	1	-0.9 (-2.3, 0.5)
A	1	3.6 (2.7, 5.5)	11	1	
A	2	2.9 (2.0, 5.2)	7	1	
A	3	3.0 (2.2, 4.9)	9	1	
A	4	2.5 (1.9, 4.0)	10	1	
A	A	3.0 (2.6, 3.8)	37	4	

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=019 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060271003	2	6.7 (3.4, 107.4)*	1	1	-6.7
060271003	3	8.7 (5.8, 18.1)*	5	1	-1.0 (-10.2, 8.2)
060271003	4	4.4 (2.6, 19.5)*	2	1	-4.4 (-5.3, -3.6)
A	2	6.7 (3.4, 107.4)*	1	1	
A	3	8.7 (5.8, 18.1)*	5	1	
A	4	4.4 (2.6, 19.5)*	2	1	
A	A	7.6 (5.5, 13.0)*	8	3	

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=019 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060290014	1	4.3 (3.2, 6.7)	11	1	-2.6 (-4.6, -0.6)
061110007	1	6.2 (4.2, 13.1)*	5	1	3.1 (-2.8, 8.9)
060290014	2	6.0 (4.4, 9.9)	9	1	-2.9 (-6.3, 0.6)
061110007	2	3.4 (2.6, 5.1)	12	1	0.4 (-1.4, 2.2)
060290014	3	8.3 (6.4, 12.2)*	14	1	-3.8 (-7.4, -0.2)
061110007	3	2.3 (1.6, 4.4)	6	1	-0.6 (-2.6, 1.4)
060290014	4	5.8 (4.3, 9.2)	10	1	-3.3 (-6.2, -0.3)
061110007	4	2.9 (2.1, 4.8)	9	1	-1.8 (-3.3, -0.4)
A	1	5.0 (3.9, 7.1)	16	2	
A	2	4.7 (3.8, 6.3)	21	2	
A	3	7.1 (5.6, 9.6)	20	2	
A	4	4.6 (3.7, 6.4)	19	2	
A	A	5.5 (4.8, 6.3)	76	8	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=036 METHOD=119 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060710014	1	7.9 (4.0, 126.1)*	1	1	-7.9
060250005	2	6.0 (4.6, 8.8)	14	1	1.0 (-1.9, 3.9)
060710014	2	7.8 (5.8, 12.1)*	11	1	-1.5 (-5.9, 2.9)
060730006	2	4.7 (3.5, 7.5)	10	1	3.1 (0.9, 5.3)
060250005	3	7.9 (5.8, 12.5)*	10	1	-0.9 (-5.7, 3.8)
060730006	3	12.9 (9.5, 20.5)*	10	1	5.9 (-1.1, 12.9)
A	1	7.9 (4.0, 126.1)*	1	1	
A	2	6.3 (5.3, 7.9)	35	3	
A	3	10.7 (8.5, 14.5)*	20	2	
A	A	8.2 (7.1, 9.7)	56	6	

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=036 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060250005	1	11.3 (8.4, 17.5)*	11	1	-2.6 (-8.9, 3.7)
060710014	1	7.0 (4.8, 13.3)*	6	1	4.0 (-1.2, 9.1)
060730006	1	7.0 (5.2, 10.9)*	11	1	0.6 (-3.4, 4.6)
060250005	4	3.1 (2.3, 4.9)	10	1	-0.5 (-2.4, 1.3)
060730006	4	4.7 (3.6, 7.0)	13	1	1.8 (-0.4, 4.1)
A	1	8.9 (7.3, 11.5)*	28	3	
A	4	4.1 (3.3, 5.4)	23	2	
A	A	7.2 (6.2, 8.6)	51	5	

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=061 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060371103	1	2.6 (2.0, 3.8)	13	1	2.3 (1.7, 2.9)
060658001	1	9.6 (7.1, 15.2)*	10	1	-0.8 (-6.7, 5.0)
060712002	1	3.5 (2.6, 5.2)	12	1	1.6 (-0.0, 3.3)
060371103	2	5.5 (4.2, 8.2)	13	1	0.0 (-2.8, 2.9)
060652002	2	1.7 (1.2, 2.9)	8	1	0.3 (-0.9, 1.5)
060658001	2	5.6 (3.9, 10.0)	7	1	-1.8 (-6.0, 2.3)
060712002	2	4.0 (3.0, 6.1)	11	1	-2.3 (-4.1, -0.4)
060371103	3	3.9 (3.0, 5.7)	14	1	3.2 (2.0, 4.3)
060652002	3	1.2 (0.9, 1.7)	13	1	0.3 (-0.3, 0.9)
060658001	3	2.2 (1.7, 3.2)	15	1	-1.1 (-2.0, -0.3)
060712002	3	4.6 (3.4, 7.1)	11	1	-2.8 (-4.9, -0.8)
060370002	4	5.2 (2.6, 82.4)*	1	1	-5.2
060371103	4	5.5 (4.3, 8.0)	15	1	5.1 (4.0, 6.1)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=9 STATE=CA REPORTING ORGANIZATION=061 METHOD=120 ----------
(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
060652002	4	4.9 (3.6, 7.8)	10	1	3.1 (0.8, 5.4)
060658001	4	6.4 (4.7, 10.2)*	10	1	-5.2 (-7.5, -3.0)
060712002	4	3.1 (2.4, 4.6)	14	1	-2.2 (-3.3, -1.2)
A	1	5.7 (4.8, 7.1)	35	3	
A	2	4.6 (3.9, 5.6)	39	4	
A	3	3.2 (2.7, 3.8)	53	4	
A	4	5.0 (4.3, 6.0)	50	5	
A	A	4.6 (4.2, 5.1)	177	16	

---------- REGION=9 STATE=HI REPORTING ORGANIZATION=120 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
150031001	1	7.0 (4.3, 20.3)*	3	1	5.3 (-3.9, 14.6)
150032004	1	4.0 (2.6, 9.5)	4	1	3.9 (2.4, 5.3)
150032004	2	10.6 (5.4, 168.8)*	1	1	-10.6
A	1	5.5 (3.9, 9.8)	7	2	
A	2	10.6 (5.4, 168.8)*	1	1	
A	A	6.3 (4.6, 10.8)*	8	3	

---------- REGION=9 STATE=NV REPORTING ORGANIZATION=200 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
320310016	1	1.9 (1.4, 3.2)	9	1	-0.4 (-1.6, 0.9)
320310016	2	1.1 (0.7, 2.3)	5	1	0.5 (-0.6, 1.5)
320310016	3	1.7 (1.3, 2.5)	13	1	0.2 (-0.6, 1.1)
A	1	1.9 (1.4, 3.2)	9	1	
A	2	1.1 (0.7, 2.3)	5	1	
A	3	1.7 (1.3, 2.5)	13	1	
A	A	1.7 (1.4, 2.2)	27	3	

---------- REGION=9 STATE=NV REPORTING ORGANIZATION=300 METHOD=120 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
320030560	1	3.5 (2.5, 6.0)	8	1	-1.9 (-4.0, 0.3)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=9 STATE=NV REPORTING ORGANIZATION=300 METHOD=120 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
320030560	2	12.7 (9.3, 20.9)*	9	1	0.9 (-7.5, 9.2)
320030560	3	3.9 (2.9, 5.9)	12	1	-1.4 (-3.3, 0.6)
320030560	4	6.3 (4.9, 9.2)	14	1	-0.1 (-3.2, 3.0)
A	1	3.5 (2.5, 6.0)	8	1	
A	2	12.7 (9.3, 20.9)*	9	1	
A	3	3.9 (2.9, 5.9)	12	1	
A	4	6.3 (4.9, 9.2)	14	1	
A	A	7.3 (6.2, 8.9)	43	4	

---------- REGION=10 STATE=AK REPORTING ORGANIZATION=020 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
020200018	1	20.0 (13.5, 41.9)*	5	1	8.4 (-10.9, 27.8)
020900010	1	10.0 (7.5, 15.5)*	11	1	-3.0 (-8.5, 2.5)
021100004	1	1.2 (0.9, 1.9)	11	1	-0.2 (-0.9, 0.5)
020900010	2	3.1 (1.9, 9.1)	3	1	0.1 (-6.3, 6.5)
021100004	2	6.2 (3.6, 27.2)*	2	1	1.5 (-36.2, 39.2)
020200018	3	4.3 (2.2, 68.3)*	1	1	4.3
020900010	3	2.1 (1.3, 6.1)	3	1	0.3 (-4.0, 4.6)
021100004	3	3.3 (1.7, 53.3)*	1	1	3.3
020200018	4	2.3 (1.6, 3.9)	8	1	1.4 (0.1, 2.7)
020900010	4	2.2 (1.7, 3.2)	14	1	-0.5 (-1.6, 0.5)
021100004	4	2.7 (2.0, 4.7)	8	1	0.3 (-1.6, 2.3)
A	1	10.8 (8.8, 13.9)*	27	3	
A	2	4.6 (3.1, 9.6)	5	2	
A	3	2.9 (2.0, 6.1)	5	3	
A	4	2.4 (2.0, 3.0)	30	3	
A	A	7.2 (6.3, 8.4)	67	11	

---------- REGION=10 STATE=ID REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
160270004	1	3.6 (2.6, 5.9)	9	1	-0.2 (-2.5, 2.1)
160690009	1	2.4 (1.8, 3.8)	11	1	0.3 (-1.0, 1.7)
160830010	1	2.3 (1.6, 4.1)	7	1	-0.8 (-2.5, 0.9)
160270004	2	4.1 (2.5, 12.0)*	3	1	0.0 (-8.4, 8.5)
160690009	2	1.9 (1.3, 3.6)	6	1	0.6 (-1.0, 2.2)
160830010	2	4.2 (2.7, 9.9)	4	1	0.9 (-4.6, 6.5)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=10 STATE=ID REPORTING ORGANIZATION=001 METHOD=117 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
160270004	3	3.5 (2.6, 5.6)	10	1	2.4 (0.8, 4.0)
160690009	3	3.1 (2.3, 4.8)	11	1	0.7 (-1.1, 2.4)
160830010	3	2.2 (1.6, 3.8)	8	1	0.7 (-0.8, 2.2)
160270004	4	2.8 (2.1, 4.5)	10	1	0.7 (-1.0, 2.4)
160690009	4	2.9 (2.2, 4.2)	13	1	1.2 (-0.1, 2.6)
160830010	4	2.8 (2.0, 4.8)	8	1	-1.0 (-2.9, 0.9)
A	1	2.8 (2.3, 3.7)	27	3	
A	2	3.3 (2.5, 4.9)	13	3	
A	3	3.0 (2.5, 3.9)	29	3	
A	4	2.8 (2.4, 3.6)	31	3	
A	A	3.0 (2.7, 3.4)	100	12	

---------- REGION=10 STATE=ID REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
160550006	1	3.3 (2.5, 5.1)	11	1	-1.0 (-2.8, 0.8)
160550006	2	2.3 (1.5, 5.4)	4	1	0.8 (-2.1, 3.7)
160550006	3	4.6 (3.2, 8.2)	7	1	-0.4 (-4.0, 3.2)
160550006	4	3.2 (2.4, 4.6)	14	1	-1.9 (-3.1, -0.6)
A	1	3.3 (2.5, 5.1)	11	1	
A	2	2.3 (1.5, 5.4)	4	1	
A	3	4.6 (3.2, 8.2)	7	1	
A	4	3.2 (2.4, 4.6)	14	1	
A	A	3.4 (2.9, 4.3)	36	4	

---------- REGION=10 STATE=OR REPORTING ORGANIZATION=001 METHOD=117 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
410650007	1	6.3 (4.7, 9.5)	12	1	-1.9 (-5.2, 1.3)
410650007	2	2.4 (1.6, 5.7)	4	1	-1.1 (-4.0, 1.8)
410650007	3	4.0 (2.7, 8.4)	5	1	-3.2 (-5.8, -0.5)
410650007	4	2.0 (1.5, 3.0)	13	1	0.0 (-1.0, 1.1)
A	1	6.3 (4.7, 9.5)	12	1	
A	2	2.4 (1.6, 5.7)	4	1	
A	3	4.0 (2.7, 8.4)	5	1	
A	4	2.0 (1.5, 3.0)	13	1	
A	A	4.3 (3.6, 5.4)	34	4	

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=10 STATE=OR REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
410290133	1	3.5 (2.6, 5.4)	11	1	-0.2 (-2.1, 1.8)
410330107	1	5.9 (4.4, 9.4)	10	1	4.3 (1.9, 6.8)
410370001	1	4.2 (2.8, 8.8)	5	1	0.6 (-3.8, 5.1)
410390060	1	3.5 (2.6, 5.4)	11	1	1.4 (-0.5, 3.2)
410510080	1	2.5 (1.9, 3.6)	14	1	-0.6 (-1.7, 0.6)
410671003	1	6.5 (4.9, 9.9)	12	1	0.7 (-2.8, 4.2)
410290133	2	2.0 (1.3, 4.8)	4	1	1.6 (-0.0, 3.3)
410330107	2	5.0 (2.9, 22.1)*	2	1	-2.3 (-30.4, 25.8)
410370001	2	5.1 (2.6, 81.5)*	1	1	5.1
410510080	2	2.9 (2.1, 4.8)	9	1	2.2 (1.0, 3.5)
410671003	2	3.7 (2.3, 10.7)*	3	1	0.9 (-6.5, 8.2)
410290133	3	3.1 (2.1, 5.9)	6	1	-0.8 (-3.5, 1.9)
410330107	3	2.7 (1.8, 5.6)	5	1	2.3 (0.9, 3.8)
410370001	3	1.6 (0.9, 7.0)	2	1	0.6 (-8.8, 10.0)
410510080	3	4.7 (3.3, 8.0)	8	1	3.2 (0.7, 5.6)
410671003	3	13.6 (9.4, 26.1)*	6	1	-3.5 (-15.4, 8.4)
410290133	4	6.2 (4.7, 9.7)	11	1	3.5 (0.6, 6.5)
410330107	4	3.1 (2.2, 5.3)	8	1	2.6 (1.3, 3.8)
410370001	4	3.5 (2.6, 5.5)	10	1	1.2 (-0.8, 3.2)
410510080	4	3.9 (3.0, 5.5)	15	1	3.2 (2.1, 4.2)
410671003	4	2.2 (1.6, 3.5)	10	1	0.0 (-1.3, 1.4)
A	1	4.5 (4.0, 5.3)	63	6	
A	2	3.3 (2.6, 4.6)	19	5	
A	3	7.2 (5.9, 9.3)	27	5	
A	4	4.1 (3.5, 4.9)	54	5	
A	A	4.8 (4.4, 5.3)	163	21	

---------- REGION=10 STATE=WA REPORTING ORGANIZATION=001 METHOD=118 ----------

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
530330057	1	2.0 (1.6, 3.0)	14	1	0.9 (0.0, 1.8)
530530031	1	2.4 (1.9, 3.6)	13	1	1.4 (0.4, 2.4)
530630016	1	1.4 (1.1, 2.2)	12	1	0.6 (-0.1, 1.3)
530730015	1	1.5 (1.0, 3.6)	4	1	-0.5 (-2.4, 1.5)
530330057	2	2.8 (2.1, 4.2)	12	1	-0.7 (-2.2, 0.7)
530530031	2	4.1 (3.1, 6.2)	12	1	2.3 (0.4, 4.1)
530630016	2	2.8 (1.9, 5.3)	6	1	1.0 (-1.3, 3.3)
530730015	2	4.6 (3.1, 9.7)	5	1	2.8 (-1.0, 6.7)
530770009	2	1.0 (0.5, 15.3)*	1	1	1.0
530330057	3	5.7 (4.3, 8.6)	12	1	4.8 (3.2, 6.4)
530530031	3	4.1 (3.1, 6.3)	12	1	0.4 (-1.8, 2.6)
530630016	3	6.9 (5.3, 9.9)	15	1	0.3 (-3.0, 3.5)
530730015	3	3.6 (2.5, 6.9)	6	1	1.6 (-1.4, 4.5)

* INDICATES UPPER BOUND OF ESTIMATED 90% CONFIDENCE INTERVAL > 10%

---------- REGION=10 STATE=WA REPORTING ORGANIZATION=001 METHOD=118 ----------

(continued)

AIRS ID	QUARTER	EST. REL. RMSE (90% CONF. INTERVAL)	NO. OF OBSERVATIONS	NO. OF SAMPLER QUARTERS	EST. REL. BIAS (90% CONF. INTERVAL)
530770009	3	2.2 (1.5, 4.2)	6	1	1.2 (-0.4, 2.9)
530330057	4	3.6 (2.8, 5.1)	15	1	1.2 (-0.4, 2.8)
530530031	4	2.3 (1.7, 3.5)	12	1	1.0 (-0.1, 2.1)
530630016	4	3.5 (2.7, 5.2)	14	1	-1.1 (-2.7, 0.6)
530730015	4	2.9 (2.0, 5.6)	6	1	-2.1 (-3.9, -0.2)
530770009	4	1.7 (1.3, 2.5)	15	1	1.3 (0.7, 1.8)
A	1	2.0 (1.7, 2.4)	43	4	
A	2	3.5 (3.0, 4.4)	36	5	
A	3	5.3 (4.5, 6.3)	51	5	
A	4	2.9 (2.5, 3.4)	62	5	
A	A	3.6 (3.4, 4.0)	192	19	

Attachment IIE. Scatterplots by Site and Reporting Organization

Showing Concentrations for Routine and Collocated Samplers

(See separately attached electronic file.
Note that plots made only for sites with at least 11 pairs in at least 1 quarter.)

http://www.epa.gov/ttn/amtic/byregion/frm_byro.html
http://www.epa.gov/ttn/amtic/by_site/frm_bysite.html

Attachment IIF. Report on Anomalous Precision Data

What's Learned During PM2.5 FRM 2000 Precision Processing
based on 4/4/01 extraction from AIRS

1. Site 371830014 has PM2.5 FRM data in POC1 and POC3. The data in POC3 was used as collocated data for purposes of calculating precision even though OAQPS had previously only used data in POC2. Site 250230004 has PM2.5 FRM data in POC1, POC2, and POC3. The data in POC2 only was used as collocated data for the purpose of calculating precision.

   Site 160550006 has PM2.5 FRM data reported in POC2 and POC3, and sites 4820100024, 482010026, 482011039, 482450022, and 483390089 have PM2.5 FRM data reported in POC1 and POC5. These sites were not used in calculating precision estimates since PM2.5 FRM data was not present in POC1 and POC2.

2. There are 20 monitors with multiple method codes on the P&A Transactions. Precision is summarized to the site/method level. Hence, sites with multiple method codes have precision estimates for each method. The 10-digit AIRS IDs are 0602500051, 0602900101, 0602900161, 0607100141, 0607300061, 1313500021, 1318500031, 1329500021, 1816700231, 2300500281, 2705309601, 2703760181, 2712308661, 2713770011, 2713775501, 2713775502, 2713775511, 2918920031, 3401710031, and 4904500021.

   Similarly, there are some site/dates for which the measurements in POC1 have a different method code than the method code in POC2 (or POC3, see (1) above). In such cases, the method code for POC1 is used in the precision summary. Sites are 271230866, 271377550, 311530007, 340070003, 340171003, and 340390004.

3. There is 1 monitor for which the precision transactions are being reported using units of liters/minute. The units should be : g/m^3. For the precision summary, it is assumed that the units are : g/m^3. The 10-digit AIRS id is 0401910281.

4. The P&A Transactions require the same decimal point for both the actual and indicated values. As a result, if one of the values is null value code, then the other must be reported without a decimal point. It appears that some data have been entered into P&A transactions where one of the values is null and the other has a decimal point. For example, there are some pairs like 998.4 and 17.9. Monitors with null value codes to which it looks like decimal points have been applied are 2101900171, 2119500021, 2122700071, 2708543011, 2712308661, 2712308681, 2713775501, 3200305601, and 3709900061. These values were excluded from the precision estimates.

   Similarly, there are a few very large precision values in the P&A transactions (greater than 150 and less than 9965). These possibly have decimal point problems. Monitors include 1200100231, 2918310021, and 3915100171. These values were excluded from the precision estimates.

5. Some site/dates have large percent differences that seem inconsistent in comparison to the other percent differences observed for the site. Attached is a list of all percent differences which are larger than 50% or less than -50%. Some of these involve pairs where one or both of the values is less than 6 : g/m^3. Although these pairs are not used in the precision estimates, they should be reviewed for reasonableness. For example, a pair of 0.70 and 1.40 is very reasonable whereas a pair of 1.0 and 34.0 seems unusual and should be investigated.

CY 2000 % Diff > 50% or < -50%
(based on 040401 extraction from AIRS)

Region	State	Rep Org	AIRS Site	Method	Date	Prim. Conc	Colo. Conc	Percent Difference	Diff > 50%?	Conc <= 6?
1	CT	001	090010010	118	01/16/2000	7.60	14.50	62.443	*	
			090010010	118	03/25/2000	7.50	21.50	96.552	*	
			090010010	118	05/30/2000	18.80	9.20	-68.571	*	
			090091123	118	01/22/2000	12.00	0.30	-190.244	*	*
			090091123	118	02/18/2000	18.80	10.60	-55.782	*	
			090091123	118	12/26/2000	6.90	11.60	50.811	*	
			090092123	118	11/02/2000	3.40	8.60	86.667	*	*
1	MA	001	250230004	120	03/22/2000	10.60	6.20	-52.381	*	
			250230004	120	04/24/2000	0.50	1.80	113.043	*	*
			250230004	120	09/30/2000	10.10	4.70	-72.973	*	*
			250230004	120	10/30/2000	2.30	4.30	60.606	*	*
1	ME	001	230030013	118	03/31/2000	10.20	4.70	-73.826	*	*
			230030013	118	04/06/2000	7.20	4.10	-54.867	*	*
1	NH	001	330110019	120	03/13/2000	3.90	2.00	-64.407	*	*
			330110019	120	05/12/2000	3.50	7.80	76.106	*	*
1	VT	001	500070012	118	04/09/2000	2.50	1.40	-56.410	*	*
2	NY	001	360010005	118	05/30/2000	13.50	6.80	-66.010	*	
			360010005	118	07/11/2000	21.90	4.80	-128.090	*	*
			360010005	118	07/17/2000	4.50	21.70	131.298	*	*
			360050110	118	11/26/2000	8.60	0.70	-169.892	*	*
			360556001	118	09/24/2000	5.80	23.70	121.356	*	*
			360610062	118	04/18/2000	23.30	9.50	-84.146	*	
			360632008	118	07/05/2000	13.30	6.20	-72.821	*	
			360810094	118	07/26/2000	32.40	5.10	-145.600	*	*
			360810094	118	09/06/2000	4.50	18.30	121.053	*	*
			360810094	118	09/09/2000	32.00	9.90	-105.489	*	
			360810094	118	09/12/2000	18.10	5.60	-105.485	*	*
			360810094	118	09/15/2000	9.40	32.50	110.263	*	
3	DC	001	110010041	120	06/23/2000	47.70	17.40	-93.088	*	
			110010041	120	09/27/2000	13.20	0.20	-194.030	*	*
			110010041	120	10/09/2000	0.20	7.20	189.189	*	*
			110010043	120	06/17/2000	15.40	0.50	-187.421	*	*
3	DE	001	100032004	120	01/16/2000	11.10	24.20	74.221	*	
3	MD	001	245100035	120	09/06/2000	7.10	4.00	-55.856	*	*
3	PA	002	420030064	118	02/06/2000	22.30	0.70	-187.826	*	*
3	VA	001	510130020	118	04/06/2000	4.50	8.70	63.636	*	*

(based on 040401 extraction from AIRS)

Region	State	Rep Org	AIRS Site	Method	Date	Prim. Conc	Colo. Conc	Percent Difference	Diff > 50%?	Conc <= 6?
4	AL	011	010970002	120	05/12/2000	32.00	13.00	-84.444	*	
			010970002	120	06/23/2000	2.20	9.10	122.124	*	*
			010970002	120	07/05/2000	0.80	26.20	188.148	*	*
			010970002	120	07/29/2000	2.00	18.00	160.000	*	*
			010970002	120	08/10/2000	1.00	13.90	173.154	*	*
			010970002	120	12/20/2000	2.50	14.50	141.176	*	*
4	FL	002	120010023	118	04/30/2000	19.00	7.00	-92.308	*	
			120010023	118	07/17/2000	18.00	10.00	-57.143	*	
4	FL	003	121171002	118	03/01/2000	15.93	8.67	-59.024	*	
4	FL	012	120570030	118	04/06/2000	13.60	23.20	52.174	*	
4	FL	013	121030018	118	02/12/2000	18.66	32.57	54.304	*	
4	FL	017	120111002	118	05/18/2000	52.00	10.20	-134.405	*	
			120111002	118	12/20/2000	9.50	5.50	-53.333	*	*
4	GA	010	131210032	120	12/14/2000	11.40	19.40	51.948	*	
4	KY	001	210190017	118	10/09/2000	4.40	0.50	-159.184	*	*
			210670012	118	06/05/2000	0.00	21.80	200.000	*	*
			212270007	118	06/05/2000	0.00	18.20	200.000	*	*
			212270007	118	06/17/2000	19.70	9.50	-69.863	*	
4	NC	001	370810009	118	01/31/2000	20.80	0.70	-186.977	*	*
			371290009	118	08/22/2000	0.00	5.40	200.000	*	*
			371470005	118	08/10/2000	0.20	12.20	193.548	*	*
			371830014	118	02/12/2000	14.20	27.50	63.789	*	
			371830014	118	12/20/2000	24.20	12.80	-61.622	*	
4	NC	004	370210034	118	02/12/2000	14.60	26.30	57.213	*	
			370210034	118	03/31/2000	25.30	13.30	-62.176	*	
			370210034	118	05/27/2000	15.50	8.00	-63.830	*	
			370210034	118	06/14/2000	14.90	8.70	-52.542	*	
			370210034	118	12/11/2000	18.10	5.80	-102.929	*	*
4	TN	001	471130004	118	04/27/2000	15.30	9.10	-50.820	*	
			471631007	118	07/26/2000	15.60	56.20	113.092	*	
4	TN	003	470370023	120	09/27/2000	40.60	20.70	-64.927	*	
5	IL	003	170310050	120	01/13/2000	11.90	6.30	-61.538	*	
5	IN	001	180030004	118	09/15/2000	4.90	2.80	-54.545	*	*

(based on 040401 extraction from AIRS)

Region	State	Rep Org	AIRS Site	Method	Date	Prim. Conc	Colo. Conc	Percent Difference	Diff > 50%?	Conc <= 6?
5	IN	001	180950009	118	03/25/2000	8.70	20.50	80.822	*	
			180950009	118	07/11/2000	52.00	11.30	-128.594	*	
			181411008	118	12/14/2000	44.40	26.50	-50.494	*	
			181630006	118	01/19/2000	22.10	5.90	-115.714	*	*
			181630006	118	05/12/2000	10.60	20.00	61.438	*	
			181630006	118	11/08/2000	9.30	18.80	67.616	*	
			181670023	119	10/27/2000	6.20	28.30	128.116	*	
5	IN	008	180970081	118	02/24/2000	35.30	17.50	-67.424	*	
5	MN	001	270854301	119	03/31/2000	12.60	5.10	-84.746	*	*
			270854301	119	05/12/2000	1.90	4.20	75.410	*	*
			270854301	119	05/18/2000	8.50	4.30	-65.625	*	*
			270854301	119	05/24/2000	4.80	2.20	-74.286	*	*
			270854301	119	06/23/2000	5.30	2.10	-86.486	*	*
			271230866	119	11/08/2000	8.70	2.80	-102.609	*	*
			271230866	120	04/24/2000	5.00	10.90	74.214	*	*
			271230866	120	06/17/2000	3.30	6.30	62.500	*	*
			271230866	120	08/16/2000	3.10	6.00	63.736	*	*
			271230866	120	09/27/2000	7.50	3.00	-85.714	*	*
			271230866	120	10/27/2000	2.10	6.30	100.000	*	*
			271230868	120	01/19/2000	9.30	17.30	60.150	*	
			271230868	120	04/30/2000	8.10	34.30	123.585	*	
			271377550	119	10/15/2000	4.40	2.50	-55.072	*	*
			271377550	119	11/26/2000	4.10	8.30	67.742	*	*
			271377550	119	12/26/2000	10.30	4.40	-80.272	*	*
			271377550	120	04/06/2000	8.20	2.70	-100.917	*	*
			271377550	120	04/24/2000	11.60	6.50	-56.354	*	
5	OH	006	391530017	120	08/16/2000	5.40	12.20	77.273	*	*
			391530017	120	11/26/2000	7.20	29.20	120.879	*	
5	OH	010	391130014	120	05/25/2000	7.50	12.70	51.485	*	
5	OH	013	391450013	120	11/14/2000	26.00	10.60	-84.153	*	
5	OH	015	390950024	120	08/13/2000	11.80	27.80	80.808	*	
5	WI	001	550090005	118	03/18/2000	14.10	0.30	-191.667	*	*
			550090005	118	05/15/2000	18.00	6.90	-89.157	*	
			550090005	118	08/19/2000	2.80	1.50	-60.465	*	*
			550250025	118	03/13/2000	12.70	23.60	60.055	*	
			550250025	118	03/28/2000	2.70	0.90	-100.000	*	*
			550250025	118	04/27/2000	11.70	6.70	-54.348	*	
			550250025	118	05/03/2000	13.70	1.10	-170.270	*	*
			550250025	118	08/16/2000	5.70	2.60	-74.699	*	*

(based on 040401 extraction from AIRS)

Region	State	Rep Org	AIRS Site	Method	Date	Prim. Conc	Colo. Conc	Percent Difference	Diff > 50%?	Conc <= 6?
5	WI	001	550310025	118	01/01/2000	4.20	1.50	-94.737	*	*
			550790026	118	01/19/2000	6.00	14.00	80.000	*	*
			550790026	118	01/25/2000	9.90	26.40	90.909	*	
6	LA	001	220171002	118	01/01/2000	24.00	2.40	-163.636	*	*
			220171002	118	05/12/2000	14.00	8.20	-52.252	*	
			220171002	118	11/08/2000	8.40	3.50	-82.353	*	*
			220330009	118	01/07/2000	12.20	22.60	59.770	*	
			220330009	118	01/19/2000	4.20	11.00	89.474	*	*
			220710012	118	02/24/2000	6.00	10.90	57.988	*	*
			220710012	118	05/12/2000	7.20	14.40	66.667	*	
6	NM	001	350450006	118	03/07/2000	8.80	3.00	-98.305	*	*
			350450006	118	09/22/2000	4.42	12.75	97.030	*	*
6	NM	002	350010023	118	03/14/2000	6.70	4.00	-50.467	*	*
			350010023	118	05/24/2000	3.00	5.80	63.636	*	*
			350010023	118	08/10/2000	2.00	4.00	66.667	*	*
6	OK	101	401430110	118	11/08/2000	2.90	5.90	68.182	*	*
6	OK	106	400219002	118	03/19/2000	5.60	18.60	107.438	*	*
			400719003	118	03/19/2000	23.90	8.30	-96.894	*	
6	OK	107	400470554	118	11/02/2000	8.20	3.10	-90.265	*	*
6	TX	001	481410010	118	11/26/2000	6.90	3.80	-57.944	*	*
			481410010	118	12/05/2000	3.50	10.40	99.281	*	*
			482450021	118	07/23/2000	9.20	23.40	87.117	*	
			483550032	118	11/08/2000	9.10	4.50	-67.647	*	*
			483550032	118	11/26/2000	5.00	11.10	75.776	*	*
			484530020	118	04/30/2000	19.90	4.70	-123.577	*	*
7	KS	001	201730010	118	03/01/2000	5.10	0.80	-145.763	*	*
			201730010	118	11/08/2000	1.10	3.00	92.683	*	*
			201730010	118	12/08/2000	6.10	3.00	-68.132	*	*
7	MO	002	291892003	117	04/24/2000	12.90	0.70	-179.412	*	*
			291892003	118	01/31/2000	2.30	4.10	56.250	*	*
			291892003	118	06/17/2000	6.50	11.30	53.933	*	
			291892003	118	10/09/2000	8.40	2.90	-97.345	*	*
7	MO	003	295100085	118	02/19/2000	14.80	3.00	-132.584	*	*
			295100085	118	02/25/2000	13.50	7.40	-58.373	*	
			295100085	118	02/29/2000	7.00	11.90	51.852	*	
			295100085	118	03/10/2000	3.10	14.60	129.944	*	*

(based on 040401 extraction from AIRS)

Region	State	Rep Org	AIRS Site	Method	Date	Prim. Conc	Colo. Conc	Percent Difference	Diff > 50%?	Conc <= 6?
7	MO	003	295100085	118	12/18/2000	17.80	10.20	-54.286	*	
7	NE	003	310550019	118	01/31/2000	25.40	47.60	60.822	*	
			310550019	118	12/02/2000	13.30	7.90	-50.943	*	
			310550052	118	02/18/2000	25.80	8.30	-102.639	*	
			310550052	118	02/24/2000	9.20	0.90	-164.356	*	*
			310550052	118	09/21/2000	4.20	12.20	97.561	*	*
8	CO	001	080410011	118	06/29/2000	8.80	1.60	-138.462	*	*
			080410011	118	11/20/2000	8.20	14.90	58.009	*	
			080770003	118	07/05/2000	6.50	1.30	-133.333	*	*
			080770003	118	07/11/2000	5.20	10.20	64.935	*	*
8	MT	033	300470028	119	08/04/2000	38.00	12.20	-102.789	*	
			300470028	119	09/09/2000	3.50	16.30	129.293	*	*
8	MT	037	300870307	119	01/07/2000	8.50	18.30	73.134	*	
			300870307	119	02/06/2000	3.40	7.20	71.698	*	*
			300870307	119	03/31/2000	3.40	6.40	61.224	*	*
			300870307	119	04/30/2000	2.30	6.20	91.765	*	*
8	ND	001	380130003	117	10/03/2000	3.40	1.60	-72.000	*	*
8	SD	001	460130003	119	05/30/2000	3.50	7.30	70.370	*	*
			460130003	119	09/27/2000	7.10	4.20	-51.327	*	*
			460130003	119	10/03/2000	2.00	4.20	70.968	*	*
			460130003	119	11/14/2000	31.70	13.70	-79.295	*	
			460990006	119	10/03/2000	3.00	6.20	69.565	*	*
			461031001	120	09/21/2000	1.10	2.00	58.065	*	*
8	UT	001	490110001	117	05/12/2000	2.50	6.10	83.721	*	*
			490110001	117	09/03/2000	5.80	1.00	-141.176	*	*
			490353007	118	07/17/2000	7.70	13.00	51.208	*	
			490353007	118	08/04/2000	10.80	19.20	56.000	*	
			490494001	118	01/25/2000	7.80	4.10	-62.185	*	*
			490494001	118	10/27/2000	9.70	5.50	-55.263	*	*
9	CA	001	060190008	120	02/24/2000	1.00	19.00	180.000	*	*
			060190008	120	04/12/2000	4.00	12.00	100.000	*	*
			060571001	120	01/28/2000	22.00	4.00	-138.462	*	*
			060571001	120	06/23/2000	7.00	1.00	-150.000	*	*
			060571001	120	08/04/2000	12.00	3.00	-120.000	*	*
			060571001	120	09/03/2000	5.00	1.00	-133.333	*	*
			060571001	120	09/27/2000	9.00	1.00	-160.000	*	*
			060571001	120	10/27/2000	9.00	1.00	-160.000	*	*
			060670006	120	03/25/2000	1.00	9.00	160.000	*	*

(based on 040401 extraction from AIRS)

Region	State	Rep Org	AIRS Site	Method	Date	Prim. Conc	Colo. Conc	Percent Difference	Diff > 50%?	Conc <= 6?
9	CA	001	060670006	120	04/30/2000	1.00	6.00	142.857	*	*
			060670006	120	05/18/2000	1.00	7.00	150.000	*	*
			060670006	120	07/29/2000	3.00	8.00	90.909	*	*
			061010003	117	01/07/2000	1.00	34.00	188.571	*	*
			061010003	117	02/12/2000	3.00	1.00	-100.000	*	*
			061010003	117	06/11/2000	6.00	3.00	-66.667	*	*
			061010003	117	08/10/2000	1.00	5.00	133.333	*	*
9	CA	036	060250005	120	02/18/2000	21.03	12.30	-52.385	*	
			060730006	119	08/10/2000	12.50	22.20	55.908	*	
9	CA	061	060652002	120	12/02/2000	12.90	2.20	-141.722	*	*
9	HI	120	150031001	120	02/12/2000	1.50	9.30	144.444	*	*
			150031001	120	06/05/2000	2.70	1.60	-51.163	*	*
			150031001	120	09/09/2000	5.20	3.00	-53.659	*	*
			150031001	120	10/09/2000	5.10	0.00	-200.000	*	*
			150031001	120	11/02/2000	1.80	3.30	58.824	*	*
			150032004	120	10/03/2000	2.70	8.90	106.897	*	*
			150032004	120	10/27/2000	11.60	2.80	-122.222	*	*
9	NV	300	320030560	120	03/25/2000	0.60	11.80	180.645	*	*
10	AK	020	020200018	117	02/24/2000	8.40	16.10	62.857	*	
			021100004	117	02/18/2000	0.70	1.40	66.667	*	*
			021100004	117	03/25/2000	0.00	0.80	200.000	*	*
			021100004	117	04/30/2000	0.70	0.30	-80.000	*	*
			021100004	117	05/18/2000	1.30	0.10	-171.429	*	*
			021100004	117	07/11/2000	2.30	3.90	51.613	*	*
			021100004	117	09/27/2000	2.50	1.40	-56.410	*	*
10	OR	001	410290133	118	05/30/2000	4.30	2.10	-68.750	*	*
			410370001	118	02/12/2000	1.50	0.60	-85.714	*	*
			410650007	117	10/21/2000	6.30	2.30	-93.023	*	*
10	WA	001	530630016	118	05/30/2000	13.20	5.50	-82.353	*	*

Attachment IIIA. Table of Completeness of Bias Pairs by

Nation

Region

and Site

---------- Year=2000 ----------

The FREQ Procedure

Table of numind by compind

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	15	30	0	0	45
3 Pairs for Bias	0	3	91	0	94
4 Pairs for Bias	0	2	23	99	124
> 4 Pairs for Bias	0	0	1	3	4
Total	15	35	115	102	267

---------- Year=2000 ----------

The FREQ Procedure

Table 1 of numind by compind
Controlling for region=1

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	4	1	0	0	5
3 Pairs for Bias	0	0	5	0	5
4 Pairs for Bias	0	0	1	7	8
> 4 Pairs for Bias	0	0	0	1	1
Total	4	1	6	8	19

Table 2 of numind by compind
Controlling for region=2

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	7	1	0	0	8
3 Pairs for Bias	0	0	3	0	3
4 Pairs for Bias	0	0	0	6	6
> 4 Pairs for Bias	0	0	0	0	0
Total	7	1	3	6	17

---------- Year=2000 ----------

The FREQ Procedure

Table 3 of numind by compind
Controlling for region=3

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	0	3	0	0	3
3 Pairs for Bias	0	0	14	0	14
4 Pairs for Bias	0	0	1	8	9
> 4 Pairs for Bias	0	0	1	0	1
Total	0	3	16	8	27

Table 4 of numind by compind
Controlling for region=4

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	0	3	0	0	3
3 Pairs for Bias	0	2	8	0	10
4 Pairs for Bias	0	0	11	18	29
> 4 Pairs for Bias	0	0	0	0	0
Total	0	5	19	18	42

---------- Year=2000 ----------

The FREQ Procedure

Table 5 of numind by compind
Controlling for region=5

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	0	12	0	0	12
3 Pairs for Bias	0	0	25	0	25
4 Pairs for Bias	0	0	0	16	16
> 4 Pairs for Bias	0	0	0	1	1
Total	0	12	25	17	54

Table 6 of numind by compind
Controlling for region=6

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	0	4	0	0	4
3 Pairs for Bias	0	0	15	0	15
4 Pairs for Bias	0	0	1	12	13
> 4 Pairs for Bias	0	0	0	1	1
Total	0	4	16	13	33

---------- Year=2000 ----------

The FREQ Procedure

Table 7 of numind by compind
Controlling for region=7

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	0	1	0	0	1
3 Pairs for Bias	0	1	1	0	2
4 Pairs for Bias	0	2	7	1	10
> 4 Pairs for Bias	0	0	0	0	0
Total	0	4	8	1	13

Table 8 of numind by compind
Controlling for region=8

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	0	4	0	0	4
3 Pairs for Bias	0	0	2	0	2
4 Pairs for Bias	0	0	0	12	12
> 4 Pairs for Bias	0	0	0	0	0
Total	0	4	2	12	18

---------- Year=2000 ----------

The FREQ Procedure

Table 9 of numind by compind
Controlling for region=9

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	3	1	0	0	4
3 Pairs for Bias	0	0	11	0	11
4 Pairs for Bias	0	0	1	10	11
> 4 Pairs for Bias	0	0	0	0	0
Total	3	1	12	10	26

Table 10 of numind by compind
Controlling for region=10

numind(Num Pairs for Bias) compind(Num Qtrs Pairs for Bias Occur)

Frequency	1 Qtr	2 Qtrs	3 Qtrs	4 Qtrs	Total
1 or 2 Pairs for Bias	1	0	0	0	1
3 Pairs for Bias	0	0	7	0	7
4 Pairs for Bias	0	0	1	9	10
> 4 Pairs for Bias	0	0	0	0	0
Total	1	0	8	9	18

Number of Pair and Number of Quarters over which Pairs Spread
by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
1	CT	2000	090011123	4	4
			090012124	1	1
			090031018	3	3
			090090018	3	3
1	MA	2000	250130008	4	4
			250130016	4	4
			250132007	4	5
			250250042	3	4
			250272004	3	3
1	ME	2000	230010011	4	4
			230030013	4	4
			230052003	3	3
1	NH	2000	330070014	1	1
			330150009	1	2
			330190003	1	1
1	RI	2000	440070020	2	2
			440071005	3	3
1	VT	2000	500070007	4	4
			500230005	4	4
2	NJ	2000	340171003	1	1
			340172002	1	1
			340218001	1	1
			340270004	1	1
			340273001	1	1
2	NY	2000	360010005	4	4
			360290002	4	4
			360310003	4	4

by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
2	NY	2000	360556001	4	4
			360590013	3	3
			360610056	4	4
			360610062	4	4
			360893001	3	3
			361010003	3	3
2	PR	2000	720210009	2	2
			720530003	1	1
			720590016	1	1
3	DC	2000	110010042	3	3
			110010043	4	4
3	DE	2000	100010002	4	4
			100010003	4	4
3	MD	2000	240032002	3	3
			240053001	3	3
			240430009	3	3
			245100035	3	3
3	PA	2000	420030008	3	3
			420030021	4	4
			420030116	3	3
			420110009	4	4
			420692006	4	4
			420710007	4	4
			420791101	3	3
			421010020	3	3
			421010047	3	3
3	VA	2000	510130020	4	4
			510595001	3	3

by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
3	VA	2000	510870014	3	5
			516500004	3	4
			517700014	2	2
3	WV	2000	540030003	3	3
			540110006	3	3
			540291004	3	3
			540511002	2	2
			541071002	2	2
4	AL	2000	010690002	2	2
			010890014	4	4
			011130001	3	3
			011190002	2	2
			011210002	2	2
4	FL	2000	120170005	3	4
			120310098	3	3
			120310099	3	3
			120830003	3	4
			120952002	3	4
			121056006	3	4
			121171002	3	4
			121275002	4	4
4	GA	2000	130210007	3	4
			130210012	3	4
			130950007	3	3
			132150001	3	4
			132150011	3	4
4	KY	2000	210470006	4	4
			210590014	3	3
			211010006	3	3

Number of Pair and Number of Quarters over which Pairs Spread
by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
4	KY	2000	211110044	4	4
			211451004	3	3
4	MS	2000	280110001	3	3
			280490010	4	4
			280750003	4	4
			281230001	4	4
4	NC	2000	370010002	4	4
			370330001	4	4
			370370004	4	4
			370630001	4	4
			370670022	4	4
			370670024	4	4
			370810009	4	4
			370811005	4	4
			371350007	4	4
4	SC	2000	450370001	3	4
			450450009	4	4
			450470003	3	4
			450730001	4	4
4	TN	2000	470370023	2	3
			470370036	2	3
5	IL	2000	170310022	4	4
			170310050	3	3
			170310052	3	3
			170434002	3	3
			170890003	3	3
			170971007	4	4
			170990007	3	3
			171110001	4	4

Number of Pair and Number of Quarters over which Pairs Spread
by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
5	IL	2000	171971002	3	3
5	IN	2000	180890006	3	3
			180890022	3	3
			180950009	2	2
			180970078	4	4
			180970079	4	4
			181410014	2	2
			181412004	2	2
			181630006	3	3
			181630016	3	3
5	MI	2000	260050003	4	4
			260210014	4	4
			260490021	3	3
			260650012	4	5
			261250001	3	3
			261610005	2	2
			261630001	3	3
5	MN	2000	270376018	3	3
			270530961	4	4
			270531007	2	2
			270532006	3	3
			271230871	3	3
			271390505	2	2
5	OH	2000	390170003	3	3
			390350013	4	4
			390350027	4	4
			390350045	3	3
			390610041	2	2
			390618001	4	4
			390811001	2	2

Number of Pair and Number of Quarters over which Pairs Spread
by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
5	OH	2000	390851001	4	4
			390870010	4	4
			390932003	2	2
			390950026	3	3
			391330002	4	4
			391351001	2	2
			391510017	4	4
			391550007	4	4
5	WI	2000	550090005	3	3
			550090026	2	2
			550710007	3	3
			550790026	3	3
			550790099	2	2
			550870009	3	3
			550890008	3	3
			551390011	3	3
6	AR	2000	050350004	3	3
			050910004	4	4
			051070001	3	3
			051190007	4	4
			051191008	3	3
6	LA	2000	220171002	4	4
			220190009	4	4
			220470009	4	4
			220550005	4	4
			220710012	4	4
6	NM	2000	350010023	4	4
			350131006	3	3
			350439004	4	4
			350450006	3	3

Number of Pair and Number of Quarters over which Pairs Spread
by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
6	OK	2000	400219002	2	2
			400710602	3	3
			400719003	3	3
			401010169	3	3
			401091037	3	3
			401430131	3	3
6	TX	2000	480290052	3	3
			480370004	4	5
			480550062	3	3
			481410010	2	2
			481410038	2	2
			481670053	2	2
			481830001	4	4
			482010058	4	4
			482010062	3	3
			482450022	3	4
			483390089	3	3
			483611001	3	3
			484530021	4	4
7	IA	2000	191630015	3	3
			191630018	2	2
7	KS	2000	201730009	3	4
			201770011	2	3
			202090021	3	4
7	MO	2000	290910003	4	4
			290952002	3	4
			290990012	3	4
			291860006	3	4
			291892003	3	4
			295100085	3	4

Number of Pair and Number of Quarters over which Pairs Spread
by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
7	NE	2000	310790003	2	4
			311090022	2	4
8	CO	2000	080050005	4	4
			080130012	4	4
			080410011	4	4
			080690009	4	4
			081010012	4	4
8	MT	2000	300470028	4	4
			300530018	2	2
			300870307	3	3
8	ND	2000	380350004	4	4
			380910001	4	4
8	SD	2000	460110002	2	2
			460990006	3	3
			460990007	2	2
8	UT	2000	490350003	4	4
			490353007	4	4
			490490002	4	4
			490570007	4	4
8	WY	2000	560210001	2	2
9	AZ	2000	040191028	3	3
9	CA	2000	060011001	4	4
			060231002	4	4
			060251003	2	2
			060290010	4	4
			060290012	1	1

Number of Pair and Number of Quarters over which Pairs Spread
by Region/State/Site

Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
9	CA	2000	060371002	3	3
			060371103	4	4
			060571001	3	3
			060674001	3	3
			060710014	1	1
			060712002	4	4
			060718001	3	3
			060730003	4	4
			060731002	3	3
			060771002	3	3
			060798001	4	4
			060831007	4	4
			060852003	3	3
			061110007	3	3
			061131003	3	3
9	HI	2000	150031004	4	4
			150032004	4	4
9	NV	2000	320030298	1	1
			320032002	3	4
			320310016	3	3
10	AK	2000	020200018	3	3
			020200044	3	3
			021100004	3	3
			021100026	3	3
10	ID	2000	160550006	4	4
			160690009	4	4
			160790017	4	4
10	OR	2000	410030013	4	4
			410391007	3	3

Number of Pair and Number of Quarters over which Pairs Spread
by Region/State/Site

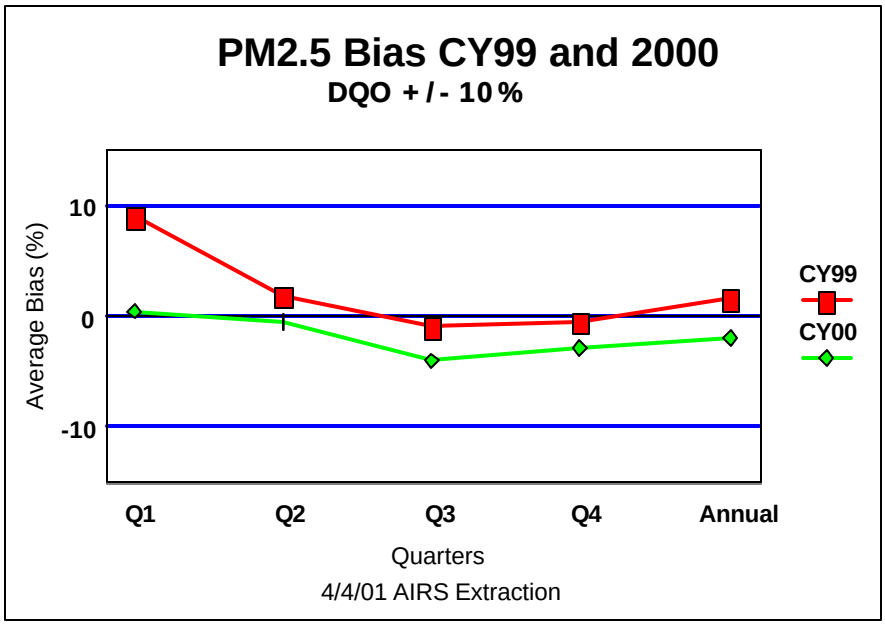
Region	State	Year	Site	Total Number of Qtrs with Pairs for Bias	Total Num of Pairs for Bias
10	OR	2000	410392013	1	1
			410430009	4	4
			410610117	3	4
			410650007	3	3
10	WA	2000	530050002	3	3
			530610005	4	4
			530611007	4	4
			530630047	4	4
			530730015	4	4

Attachment IIIB. 2000 National Bias Estimates (Plots)

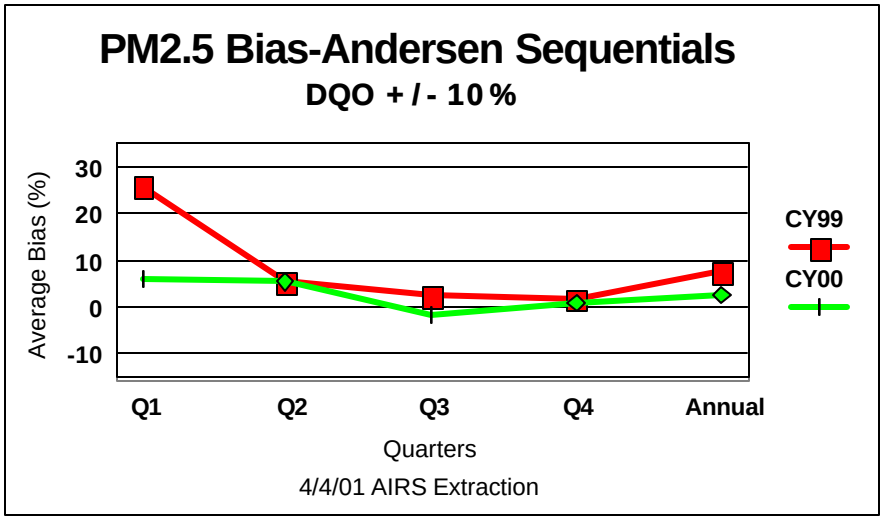
including

Scatterplot of PEP and State Values for Nation

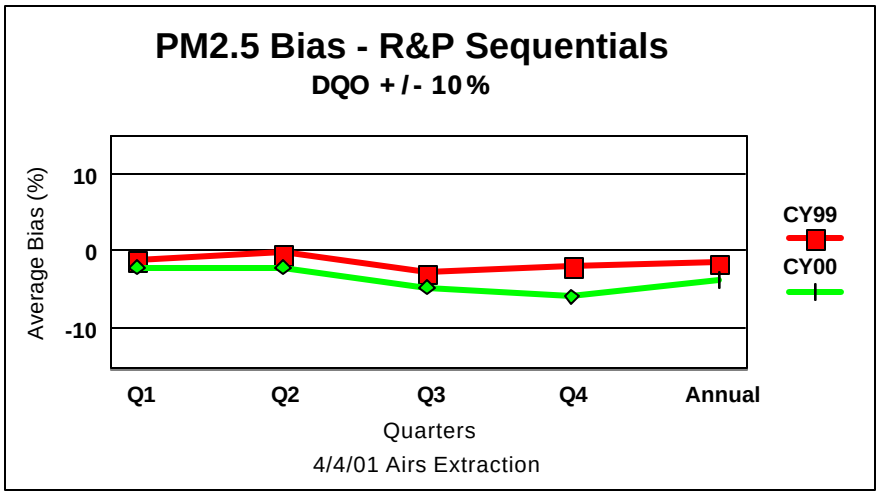
Scatteplot of PEP and State Values by Reporting Organization
(see separate electronic file)
http://www.epa.gov/ttn/amtic/pmqa.html



Quarter	99	2000
1	9.0	0.38
2	1.9	-0.59
3	-0.9	-4.0
4	-0.5	-3.0
Ann	1.7	-1.8



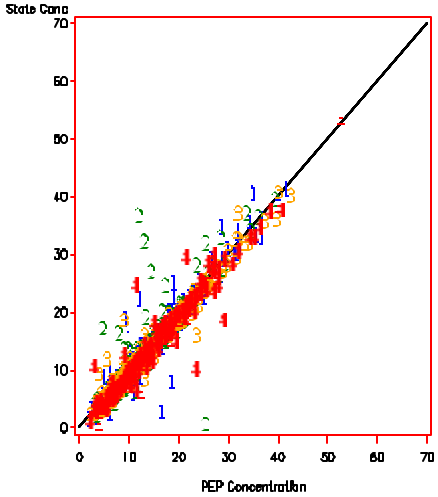
Quarter	99	2000
1	25.7	5.6
2	5.5	5.5
3	2.4	-2.0
4	1.9	0.4
Ann	7.7	2.8



Quarter	99	2000
1	-1.0	-2.0
2	-0.2	-2.1
3	-2.6	-4.5
4	-1.8	-5.9
Ann	-1.5	-3.6

Plot of State vs. PEP Data for Nation (symbol means quarter)

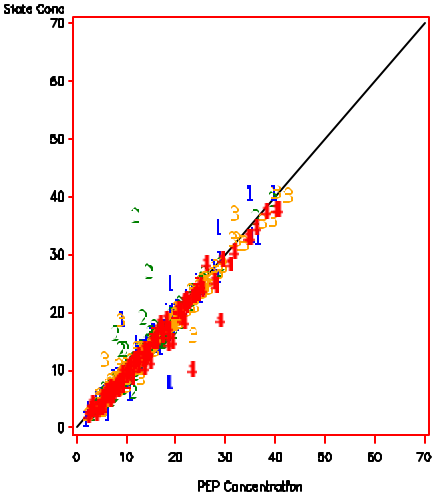
Based on 010101 extraction from AIRS and PED



Plot of State vs. PEP Data for Nation By Method (symbol means quarter)

Based on 010101 extraction from AIRS and PED

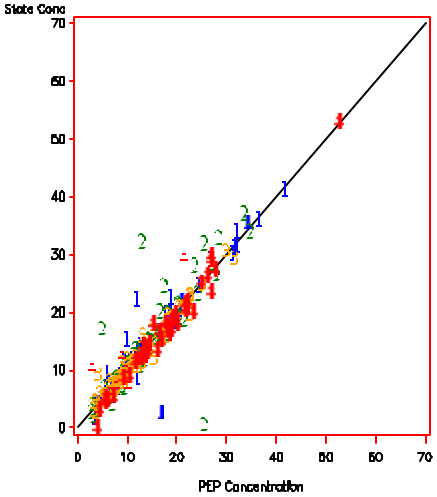
Method=RP Seq



Plot of State vs. PEP Data for Nation By Method (symbol means quarter)

Based on 010101 extraction from AIRS and PED

Method=And Seq



Attachment IIIC. Table of 2000 Bias Estimates by Reporting Organization

for All Bias Pairs

and

for Bias Pairs > 6 :g/m^3

2000 Bias by Reporting Organization
for all bias pairs, based on 040401 extraction

State	Rep Org	Number of Bias Pairs	Min Bias	25th Ptile	Median Bias	Average Bias	75th Ptile	Max Bias
NAT'L		874	-100	-10	-4	-3	1	292
AK	020	12	-39	-21	-10	-10	-2	24
AL	011	9	2	3	5	11	24	28
	014	4	-5	-5	-4	-3	-2	-0
AR	001	17	-57	-14	-7	-11	-3	2
AZ	300	3	-25	-25	-15	-9	13	13
CA	001	12	-16	-10	-5	-4	2	6
	004	11	-31	-12	1	4	26	52
	019	15	-17	-9	-2	-3	2	8
	036	11	-21	-13	-5	-4	4	8
	061	14	-17	-14	-4	-5	-1	9
CO	001	20	-23	-9	-4	-3	-1	36
CT	001	11	-58	-14	-9	-11	0	22
DC	001	7	-7	-7	1	1	4	14
DE	001	8	-1	0	1	1	2	5
FL	003	12	-8	-6	-3	-3	-2	3
	004	4	-14	-13	-10	-11	-8	-8
	011	6	-12	-9	-5	-6	-3	0
	020	4	-9	-8	-8	-7	-5	-2
	039	4	-6	-5	-1	-1	3	5
GA	010	19	-3	2	6	9	12	52
HI	120	8	-50	-40	-28	-28	-16	-3
IA	003	5	-17	-14	-14	-14	-11	-11
ID	001	12	-25	-20	-7	-9	0	7

2000 Bias by Reporting Organization
for all bias pairs, based on 040401 extraction

State	Rep Org	Number of Bias Pairs	Min Bias	25th Ptile	Median Bias	Average Bias	75th Ptile	Max Bias
IL	001	20	-12	-6	1	4	9	40
	003	10	-10	-4	2	15	9	146
IN	001	18	-64	-10	-6	-7	-2	18
	008	8	-13	-1	3	2	7	9
KS	001	11	-15	-13	-8	-7	-1	1
KY	001	13	-7	-6	-3	6	6	85
	002	4	-12	-7	-3	-3	1	3
LA	001	20	-45	-13	-9	-10	-5	8
MA	001	20	-20	-4	8	36	20	292
MD	001	12	-28	-11	-2	-4	2	9
ME	001	11	-14	-5	0	1	8	14
MI	001	24	-13	-6	-4	-1	1	22
MN	001	17	-54	-8	-3	8	5	126
MO	001	12	-8	-7	-5	-3	0	6
	002	4	-16	-13	-8	-9	-5	-4
	003	4	-13	-12	-9	-9	-7	-7
	004	4	-10	-9	-4	22	52	104
MS	100	15	-27	-12	-7	-7	-1	8
MT	001	3	-8	-8	3	3	15	15
	033	4	-7	-3	7	9	22	29
	037	2	-28	-28	-15	-15	-2	-2
NC	001	28	-8	-4	-2	-1	0	42
	002	8	-4	-2	0	-0	1	4
ND	001	8	-47	-18	-8	-11	-3	14

2000 Bias by Reporting Organization
for all bias pairs, based on 040401 extraction

State	Rep Org	Number of Bias Pairs	Min Bias	25th Ptile	Median Bias	Average Bias	75th Ptile	Max Bias
NE	001	8	-39	-26	-19	-18	-10	0
NH	001	4	-12	-11	-6	12	34	69
NJ	001	5	-2	-2	-1	19	1	101
NM	001	6	-29	-2	16	10	23	36
	002	4	-12	-10	-3	-3	4	5
	007	4	-17	-12	-5	-7	-1	0
NV	200	3	-19	-19	-14	-10	2	2
	300	5	-26	-13	-13	-12	-5	-1
NY	001	33	-26	-13	-5	2	-2	204
OH	002	2	-2	-2	10	10	22	22
	004	2	-7	-7	2	2	12	12
	006	4	-5	-4	-3	-0	4	9
	007	4	-7	-3	1	-0	2	4
	008	9	-11	-2	-0	-0	3	7
	009	11	-13	-7	-4	-2	0	23
	010	2	-98	-98	-48	-48	1	1
	012	4	-28	-19	-7	-10	-2	1
	013	4	-13	-12	-3	1	14	22
	015	3	-3	-3	-2	5	21	21
	016	4	-13	-8	-1	-3	2	3
OK	101	12	-20	-15	-13	-13	-11	-3
	106	5	-11	-4	-3	-4	-2	-0
OR	001	19	-43	-26	-15	-17	-8	0
PA	001	15	-21	-6	-3	-5	-1	1
	002	10	-13	-3	-0	-2	1	4
	003	6	-12	-4	-1	-1	1	11
PR	001	4	-28	-23	-15	-16	-10	-8

2000 Bias by Reporting Organization
for all bias pairs, based on 040401 extraction

State	Rep Org	Number of Bias Pairs	Min Bias	25th Ptile	Median Bias	Average Bias	75th Ptile	Max Bias
RI	001	5	-84	-6	5	-11	8	24
SC	001	16	-16	-6	-5	-5	-4	3
SD	001	7	-100	-27	-15	-24	0	1
TN	003	6	-7	-0	0	1	2	11
TX	001	39	-45	-20	-14	-14	-5	6
	822	3	-36	-36	-8	-14	2	2
UT	001	16	-16	-11	-2	-2	7	14
VA	001	18	-22	-8	-4	-4	-1	9
VT	001	8	-20	-11	-7	-8	-5	3
WA	001	19	-11	-7	-4	3	3	106
WI	001	22	-22	-8	-6	-0	-3	104
WV	001	8	-7	-5	2	0	4	6
	002	5	-10	-6	-6	-6	-5	-4
WY	001	2	-24	-24	-9	-9	6	6

2000 Bias by Reporting Organization

for all bias pairs > 6 ug/m3, based on 040401 extraction

State	Rep Org	Number of Bias Pairs	Min Bias	25th Ptile	Median Bias	Average Bias	75th Ptile	Max Bias
NAT'L		719	-58	-8	-3	-2	1	204
AK	020	3	-12	-12	-8	-8	-5	-5
AL	011	7	2	2	3	6	5	25
	014	4	-5	-5	-4	-3	-2	-0
AR	001	17	-57	-14	-7	-11	-3	2
AZ	300	3	-25	-25	-15	-9	13	13
CA	001	9	-16	-9	-0	-3	3	6
	004	9	-31	-12	2	8	26	52
	019	12	-17	-8	-2	-3	4	8
	036	9	-21	-11	2	-3	4	8
	061	13	-17	-10	-3	-4	-1	9
CO	001	13	-13	-4	-3	-1	3	36
CT	001	9	-58	-11	-9	-12	-1	0
DC	001	6	-7	-7	-1	-2	1	4
DE	001	7	-0	1	1	2	2	5
FL	003	11	-8	-7	-3	-3	-2	3
	004	4	-14	-13	-10	-11	-8	-8
	011	6	-12	-9	-5	-6	-3	0
	020	3	-9	-9	-8	-8	-8	-8
	039	3	-6	-6	-4	-3	1	1
GA	010	19	-3	2	6	9	12	52
IA	003	5	-17	-14	-14	-14	-11	-11
ID	001	9	-25	-8	-4	-5	1	7
IL	001	20	-12	-6	1	4	9	40

2000 Bias by Reporting Organization

for all bias pairs > 6 ug/m3, based on 040401 extraction

State	Rep Org	Number of Bias Pairs	Min Bias	25th Ptile	Median Bias	Average Bias	75th Ptile	Max Bias
IL	003	10	-10	-4	2	15	9	146
IN	001	16	-12	-8	-6	-4	-0	18
	008	8	-13	-1	3	2	7	9
KS	001	10	-15	-10	-6	-6	-1	1
KY	001	12	-7	-5	-2	7	8	85
	002	4	-12	-7	-3	-3	1	3
LA	001	18	-19	-13	-9	-9	-5	4
MA	001	17	-12	-4	7	11	17	83
MD	001	12	-28	-11	-2	-4	2	9
ME	001	9	-14	-5	3	2	8	14
MI	001	24	-13	-6	-4	-1	1	22
MN	001	5	-41	-4	-3	15	-2	125
MO	001	12	-8	-7	-5	-3	0	6
	002	4	-16	-13	-8	-9	-5	-4
	003	4	-13	-12	-9	-9	-7	-7
	004	4	-10	-9	-4	22	52	104
MS	100	15	-27	-12	-7	-7	-1	8
MT	001	3	-8	-8	3	3	15	15
	033	3	-7	-7	0	2	14	14
	037	1	-2	-2	-2	-2	-2	-2
NC	001	28	-8	-4	-2	-1	0	42
	002	8	-4	-2	0	-0	1	4
ND	001	2	-8	-8	-7	-7	-6	-6

for all bias pairs > 6 ug/m3, based on 040401 extraction

State	Rep Org	Number of Bias Pairs	Min Bias	25th Ptile	Median Bias	Average Bias	75th Ptile	Max Bias
NE	001	4	-19	-19	-14	-14	-10	-9
NH	001	1	-11	-11	-11	-11	-11	-11
NJ	001	5	-2	-2	-1	19	1	101
NM	002	1	-9	-9	-9	-9	-9	-9
	007	4	-17	-12	-5	-7	-1	0
NV	200	1	-14	-14	-14	-14	-14	-14
	300	3	-13	-13	-5	-6	-1	-1
NY	001	29	-26	-10	-5	3	-2	204
OH	002	2	-2	-2	10	10	22	22
	004	2	-7	-7	2	2	12	12
	006	4	-5	-4	-3	-0	4	9
	007	4	-7	-3	1	-0	2	4
	008	9	-11	-2	-0	-0	3	7
	009	8	-7	-6	-2	0	2	23
	010	1	1	1	1	1	1	1
	012	3	-28	-28	-5	-11	1	1
	013	4	-13	-12	-3	1	14	22
	015	3	-3	-3	-2	5	21	21
	016	4	-13	-8	-1	-3	2	3
OK	101	12	-20	-15	-13	-13	-11	-3
	106	4	-4	-3	-3	-2	-1	-0
OR	001	9	-28	-13	-11	-10	-5	0
PA	001	14	-21	-6	-3	-5	-1	1
	002	10	-13	-3	-0	-2	1	4
	003	5	-12	-4	-3	-1	1	11
PR	001	2	-18	-18	-13	-13	-8	-8
RI	001	3	-6	-6	5	2	8	8

2000 Bias by Reporting Organization

for all bias pairs > 6 ug/m3, based on 040401 extraction

State	Rep Org	Number of Bias Pairs	Min Bias	25th Ptile	Median Bias	Average Bias	75th Ptile	Max Bias
SC	001	15	-13	-6	-5	-5	-4	3
SD	001	2	0	0	1	1	1	1
TN	003	6	-7	-0	0	1	2	11
TX	001	32	-45	-19	-10	-12	-3	6
	822	3	-36	-36	-8	-14	2	2
UT	001	10	-13	-11	1	-0	9	14
VA	001	18	-22	-8	-4	-4	-1	9
VT	001	4	-7	-6	-5	-3	-0	3
WA	001	17	-11	-7	-5	-3	-0	10
WI	001	17	-10	-8	-5	3	1	104
WV	001	8	-7	-5	2	0	4	6
	002	5	-10	-6	-6	-6	-5	-4
WY	001	1	6	6	6	6	6	6

Attachment IIID. Report on Anomalous Bias Data

including

Table of Site/Days where PEP Performed but No Matching State Value in AIRS

and

Site/Days with Large Bias Estimates (> 50% or < -50%)

but No Matching AIRS Value Exists, for 040401 Extraction

State	AIRS Site	Date	PEP Conc
AL	010690002	01/19/2000	11.939
	010735002	02/15/2000	8.535
	010735002	05/03/2000	26.211
	010735002	08/10/2000	12.896
	010735002	10/18/2000	24.88
	011190002	02/15/2000	33.672
	011210002	02/15/2000	8.534
AR	051070001	02/03/2000	24.957
AZ	040031005	03/01/2000	7.408
	040031005	04/24/2000	7.241
	040031005	07/17/2000	6.293
	040031005	10/21/2000	3.704
	040139997	02/27/2000	13.354
	040139997	04/30/2000	8.947
	040139997	07/20/2000	11.253
	040139997	10/12/2000	9.235
	040191028	10/12/2000	6.242
	040210001	03/01/2000	10.608
	040210001	04/24/2000	13.358
	040210001	07/17/2000	6.492
	040210001	10/21/2000	5.461
CA	060290012	05/30/2000	6.073
	060571001	12/05/2000	14.443
	060674001	12/05/2000	23.759
	060710306	05/21/2000	10.235
	060710306	08/13/2000	9.82
	060710306	11/20/2000	15.897
	060718001	08/13/2000	7.572
	060771002	12/20/2000	48.148
	060852003	03/08/2000	3.37
	060852003	06/08/2000	4.952
	061131003	12/05/2000	20.816
CT	090012124	09/09/2000	28.437
DC	110010042	05/13/2000	27.548

but No Matching AIRS Value Exists, for 040401 Extraction

State	AIRS Site	Date	PEP Conc
FL	120310098	02/09/2000	26.251
IA	191390016	05/03/2000	18.852
	191390016	07/11/2000	27.223
	191390016	11/14/2000	6.368
ID	160790017	08/22/2000	5.534
IL	170990007	12/11/2000	8.947
IN	180890006	11/14/2000	10.201
	180890022	11/14/2000	10.942
	180950009	11/29/2000	16.56
	181410014	10/21/2000	21.509
	181412004	10/21/2000	21.994
	181630006	12/14/2000	18.435
	181630016	12/14/2000	16.848
MA	250272004	07/26/2000	4.995
MD	240032002	01/04/2000	8.747
	240053001	01/04/2000	10.372
	245100035	01/04/2000	9.941
ME	230090101	03/01/2000	2.998
	230090101	06/14/2000	3.412
	230090101	08/16/2000	5.909
	230090101	10/18/2000	3.289
MI	261250001	07/26/2000	29.796
	261610005	07/26/2000	28.28
	261630001	07/26/2000	30.362
MT	300530018	08/16/2000	23.608
	300530018	11/17/2000	37.442
NH	330070014	03/16/2000	12.272
	330070014	06/29/2000	9.408
	330070014	07/05/2000	11.03
	330070014	09/27/2000	9.823

but No Matching AIRS Value Exists, for 040401 Extraction

State	AIRS Site	Date	PEP Conc
NH	330070014	10/03/2000	19.774
	330150009	03/22/2000	8.777
	330150009	08/07/2000	21.762
	330150009	10/12/2000	7.285
	330190003	07/05/2000	5.99
	330190003	10/03/2000	13.561
NJ	340171003	04/12/2000	12.229
	340171003	07/17/2000	13.813
	340171003	11/20/2000	32.704
	340172002	04/12/2000	10.873
	340172002	07/17/2000	17.355
	340172002	11/20/2000	34.702
	340218001	04/18/2000	7.459
	340218001	08/01/2000	13.147
	340218001	10/12/2000	9.568
	340270004	04/18/2000	6.116
	340270004	07/17/2000	14.642
	340270004	10/09/2000	3.496
	340273001	04/18/2000	6.616
	340273001	07/17/2000	18.628
	340273001	10/09/2000	3.203
NM	350131006	04/06/2000	3.452
	350439003	03/25/2000	6.454
	350439003	04/06/2000	3.955
	350439003	08/16/2000	13.52
	350439003	10/15/2000	5.741
	350450006	10/15/2000	5.245
NV	320030298	01/28/2000	4.661
	320030298	04/12/2000	8.781
	320030298	07/08/2000	5.2
	320310016	12/05/2000	29.784
NY	360590013	11/08/2000	16.183
OH	390932003	11/08/2000	33.791
	391351001	10/11/2000	10.445

Site/Days and PEP Concs where Performance Evaluation Performed
but No Matching AIRS Value Exists, for 040401 Extraction

State	AIRS Site	Date	PEP Conc
OK	400219002	10/21/2000	24.828
	400710602	08/19/2000	15.053
	400719003	10/21/2000	21.449
	401010169	06/17/2000	4.159
	401091037	10/18/2000	15.721
OR	410030013	02/15/2000	8.495
	410391007	12/17/2000	6.072
	410392013	02/15/2000	19.833
	410392013	08/01/2000	9.486
	410392013	12/17/2000	13.646
	410650007	11/05/2000	5.825
PA	420030008	04/30/2000	6.409
	420030116	04/30/2000	7.914
	420791101	09/06/2000	4.998
PR	720210009	09/03/2000	10.275
	720210009	12/17/2000	4.583
	720590016	08/31/2000	6.823
	720590016	09/03/2000	8.793
	720590016	12/14/2000	3.869
	721130003	02/03/2000	7.031
	721130003	06/14/2000	14.73
	721130003	08/31/2000	6.455
	721130003	12/14/2000	5.2
RI	440070020	12/20/2000	15.402
	440071005	12/20/2000	12.442
SD	460990006	04/18/2000	30.753
	460990007	04/18/2000	30.574
TN	470370023	11/14/2000	8.86
	470370036	11/14/2000	6.406
	470650031	02/24/2000	17.402
	470650031	05/03/2000	25.835
	470650031	09/06/2000	9.821
	470650031	11/29/2000	13.565
	470654002	02/24/2000	17.85

but No Matching AIRS Value Exists, for 040401 Extraction

State	AIRS Site	Date	PEP Conc
TN	470654002	05/03/2000	27.255
	470654002	09/06/2000	10.406
	470654002	11/29/2000	10.237
TX	480290052	01/19/2000	7.662
	480550062	01/19/2000	8.784
	481410010	02/09/2000	6.742
	481410010	10/12/2000	3.871
	481410038	06/17/2000	9.823
	481410038	10/12/2000	5.373
	481670053	08/01/2000	11.774
	482010062	04/12/2000	9.49
	482450022	02/24/2000	7.575
	482450022	02/27/2000	6.028
	483390089	01/25/2000	11.314
	483611001	02/24/2000	8.12
	483611001	02/27/2000	5.829
VA	510595001	07/14/2000	24.754
	516500004	11/14/2000	13.155
VI	780050008	02/09/2000	8.612
	780050008	06/20/2000	6.453
	780050008	08/28/2000	5.619
WI	550090005	11/08/2000	9.817
	550090026	08/31/2000	42.559
	550090026	11/08/2000	9.076
	550710007	10/21/2000	4.288
	550790026	11/14/2000	7.672
	550790099	11/14/2000	8.787
	550870009	11/08/2000	8.322
	550890008	10/21/2000	5.331
	551390011	11/14/2000	3.953
WV	540030003	12/14/2000	11.692
	540110002	09/21/2000	7.662
	540110006	12/20/2000	13.152
	540291004	10/18/2000	26.869
	540511002	10/18/2000	30.635

Site/Days and PEP Concs where Performance Evaluation Performed 6
but No Matching AIRS Value Exists, for 040401 Extraction

State	AIRS Site	Date	PEP Conc
WV	541071002	12/20/2000	14.23

Biases > 50% or < -50%

based on 040401 extractions from AIRS and PEDs

State	AIRS Site	Method	Prim. Conc.	PE Conc.	Bias (%)	Bias > 50%?	Conc <= 6?	Quarter	Date
AR	050350004	118	10.10	23.23	-56.5	*		4	11/02/2000
CA	060011001	120	9.50	6.24	52.2	*		1	03/19/2000
CT	090011123	118	7.90	18.72	-57.8	*		1	02/03/2000
GA	130950007	120	15.40	10.11	52.3	*		1	01/13/2000
IL	170310022	120	32.30	13.11	146.5	*		2	04/09/2000
IN	180890006	118	2.30	6.37	-63.9	*	*	1	03/16/2000
KY	211010006	118	27.00	14.61	84.8	*		2	06/14/2000
MA	250130008	120	22.30	12.19	83.0	*		1	01/10/2000
MA	250250042	120	17.20	4.91	250.4	*	*	2	04/09/2000
MA	250272004	120	10.60	2.71	291.9	*	*	4	12/17/2000
MN	270532006	119	5.60	12.20	-54.1	*	*	4	10/12/2000
MN	271230871	120	9.30	4.12	125.7	*	*	3	09/27/2000
MN	271390505	119	24.80	11.04	124.7	*		4	10/12/2000
MO	290952002	118	18.60	9.11	104.1	*		3	09/27/2000
NH	330190003	119	8.80	5.20	69.1	*	*	1	03/13/2000
NJ	340270004	118	18.80	9.36	100.8	*		1	01/19/2000
NY	360610062	118	36.70	12.07	204.1	*		2	05/09/2000
OH	391351001	120	0.60	25.57	-97.7	*	*	2	05/18/2000
RI	440071005	120	2.70	16.81	-83.9	*	*	1	01/19/2000
SD	460990007	120	0.00	3.75	-100.0	*	*	4	12/05/2000
WA	530611007	118	11.90	5.78	105.8	*	*	3	09/12/2000
WI	550890008	118	16.40	8.03	104.2	*		2	05/18/2000

Attachment IVA. Table of Completeness of Accuracy

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records Q1	Q2	Q3	Q4	# Q's w/ Accuracy	Accuracy in All 4 Q's
ALABAMA	**Tot. # SLAMS Sites =16; (# w/ data =13); # where Acc. Reqrd (All)=16; # w/ Accuracy Data = 1; # w/ 4 Q Acc.= 1**							
	010270001	.	0	0	0	0	0	.
	010331002	.	0	0	0	0	0	.
	010690002	.	0	0	0	0	0	.
	010730023	.	0	0	0	0	0	.
	010732003	.	0	0	0	0	0	.
	010735002	.	0	0	0	0	0	.
	010890014	1	1	1	1	1	4	1
	010970002	.	0	0	0	0	0	.
	011010007	.	0	0	0	0	0	.
	011030010	.	0	0	0	0	0	.
	011130001	.	0	0	0	0	0	.
	011170006	.	0	0	0	0	0	.
	011190002	.	0	0	0	0	0	.
	011210002	.	0	0	0	0	0	.
	011250003	.	0	0	0	0	0	.
	011270002	.	0	0	0	0	0	.
ALASKA	**Tot. # SLAMS Sites = 7; (# w/ data = 7); # where Acc. Reqrd (All)= 7; # w/ Accuracy Data = 7; # w/ 4 Q Acc.= 3**							
	020200018	1	1	1	1	1	4	1
	020200044	1	1	1	0	1	3	.
	020900010	2	1	1	1	1	4	1
	021100004	2	1	1	1	1	4	1
	021700004	1	0	1	1	1	3	.
	021700008	1	0	1	1	1	3	.
	022900003	1	.	0	1	1	2	.
ARIZONA	**Tot. # SLAMS Sites = 5; (# w/ data = 0); # where Acc. Reqrd (All)= 5; # w/ Accuracy Data = 1; # w/ 4 Q Acc.= 0**							
	040031005	.	0	0	0	0	0	.
	040051008	.	0	0	0	0	0	.
	040190011	.	0	0	0	0	0	.
	040191028	1	0	1	1	0	2	.
	040230004	.	0	0	0	0	0	.
ARKANSAS	**Tot. # SLAMS Sites =21; (# w/ data =20); # where Acc. Reqrd (All)=21; # w/ Accuracy Data =23; # w/ 4 Q Acc.= 6**							
	050010001	1	1	1	0	0	2	.
	050010010	1	.	.	1	0	1	.
	050030003	1	1	1	0	0	2	.
	050030004	1	.	.	1	0	1	.
	050310001	1	1	0	1	1	3	.
	050350004	1	1	1	1	0	3	.
	050450002	1	.	1	1	1	3	.
	050510002	1	1	1	1	1	4	1
	050690005	1	1	1	1	1	4	1
	050890001	1	1	1	1	1	4	1
	050910001	.	0	0	0	0	0	.
	050910004	1	1	1	1	0	3	.
	050930007	1	.	.	0	2	1	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	051070001	1	1	1	1	0	3	.
	051130002	1	2	1	1	1	4	1
	051150003	1	1	1	1	0	3	.
	051190003	1	0	1	0	0	1	.
	051190007	1	1	0	0	2	2	.
	051191004	1	.	.	1	1	2	.
	051191008	1	1	1	1	1	4	1
	051310008	1	0	2	1	1	3	.
	051390004	1	1	1	1	1	4	1
	051430003	1	0	2	0	1	2	.
	051450001	1	.	0	1	1	2	.
CALIFORNI	**Tot. # SLAMS Sites =81; (# w/ data =77); # where Acc. Reqrd (All)=81; # w/ Accuracy Data =60; # w/ 4 Q Acc.= 0**							
	060010007	1	0	0	1	1	2	.
	060011001	1	0	0	1	1	2	.
	060070002	.	0	0	0	0	0	.
	060090001	1	0	1	0	0	1	.
	060111002	.	0	0	0	0	0	.
	060130002	1	0	0	1	1	2	.
	060170011	1	0	1	0	0	1	.
	060170012	.	0	0	0	0	0	.
	060190008	1	0	0	1	0	1	.
	060195001	1	1	1	1	0	3	.
	060195025	.	0	0	0	0	0	.
	060231002	.	0	0	0	0	0	.
	060250003	1	1	0	0	0	1	.
	060250005	1	1	0	0	0	1	.
	060251003	1	1	0	0	0	1	.
	060271003	1	0	1	1	0	2	.
	060290010	1	1	1	1	0	3	.
	060290011	1	1	0	0	0	1	.
	060290012	.	0	0	0	0	0	.
	060290014	1	1	0	1	0	2	.
	060290016	1	1	1	2	0	3	.
	060310004	1	1	1	1	0	3	.
	060333001	.	0	0	0	0	0	.
	060370002	1	1	1	1	0	3	.
	060371002	1	1	1	1	0	3	.
	060371103	1	1	1	1	0	3	.
	060371201	1	1	1	1	0	3	.
	060371301	1	1	1	1	0	3	.
	060371601	1	1	1	1	0	3	.
	060372005	1	1	1	1	0	3	.
	060374002	1	1	1	1	0	3	.
	060379002	1	1	0	0	0	1	.
	060450006	.	0	0	0	0	0	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	060472510	1	1	1	1	0	3	.
	060490001	1	0	1	0	0	1	.
	060510001	.	0	0	0	0	0	.
	060531002	.	0	0	0	0	0	.
	060531003	.	0	0	0	0	0	.
	060570005	1	0	1	0	0	1	.
	060571001	1	0	1	0	0	1	.
	060590001	1	1	1	1	0	3	.
	060610006	1	1	0	0	0	1	.
	060631006	1	0	1	0	0	1	.
	060631008	.	0	0	0	0	0	.
	060631009	1	0	1	0	0	1	.
	060651003	1	1	1	1	0	3	.
	060652002	1	1	1	1	0	3	.
	060655001	1	1	1	0	0	2	.
	060658001	1	1	1	1	0	3	.
	060670006	1	0	0	1	0	1	.
	060670010	.	0	0	0	0	0	.
	060674001	.	0	0	0	0	0	.
	060710014	1	1	0	0	0	1	.
	060710025	1	1	1	1	0	3	.
	060712002	1	1	1	1	0	3	.
	060719004	1	1	1	1	0	3	.
	060730001	.	0	0	0	0	0	.
	060730003	1	1	0	0	0	1	.
	060730006	.	0	0	0	0	0	.
	060731002	1	1	0	0	0	1	.
	060731007	.	0	0	0	0	0	.
	060750005	1	0	0	2	1	2	.
	060771002	.	0	0	0	0	0	.
	060792002	1	1	0	1	0	2	.
	060798001	1	1	0	1	0	2	.
	060811001	1	0	0	1	1	2	.
	060830010	1	1	0	1	0	2	.
	060831007	1	1	0	1	0	2	.
	060850004	1	0	0	1	0	1	.
	060852003	1	0	0	1	1	2	.
	060870007	.	0	0	0	0	0	.
	060890004	1	0	1	0	0	1	.
	060950004	1	0	0	1	1	2	.
	060970003	1	0	0	1	1	2	.
	060990005	.	0	0	0	0	0	.
	061010003	.	0	0	0	0	0	.
	061072002	1	0	0	1	0	1	.
	061110007	1	1	1	0	0	2	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	061110009	.	0	0	0	0	0	.
	061112002	1	1	1	1	0	3	.
	061113001	1	1	1	1	0	3	.
	061131003	1	1	0	0	0	1	.
COLORADO	**Tot. # SLAMS Sites =13; (# w/ data =13); # where Acc. Reqrd (All)=13; # w/ Accuracy Data =13; # w/ 4 Q Acc.= 0**							
	080010001	1	0	1	2	0	2	.
	080050005	1	1	1	1	0	3	.
	080130003	1	1	1	1	0	3	.
	080130012	1	1	1	1	0	3	.
	080310002	1	1	1	1	0	3	.
	080390001	1	1	1	1	0	3	.
	080410008	1	1	1	1	0	3	.
	080410011	1	1	1	1	0	3	.
	080690009	1	1	1	1	0	3	.
	080770003	1	1	1	1	0	3	.
	081010012	1	1	1	1	0	3	.
	081230006	1	1	1	1	0	3	.
	081230008	1	1	1	1	0	3	.
CONNECTIC	**Tot. # SLAMS Sites =10; (# w/ data =10); # where Acc. Reqrd (All)=10; # w/ Accuracy Data = 9; # w/ 4 Q Acc.= 9**							
	090010010	1	1	1	1	1	4	1
	090010113	.	0	0	0	0	0	.
	090011123	1	1	1	1	1	4	1
	090031003	1	1	1	3	1	4	1
	090031018	1	1	1	1	1	4	1
	090090018	1	1	1	1	1	4	1
	090091123	1	1	1	1	1	4	1
	090092123	1	1	1	1	1	4	1
	090099005	1	1	1	2	1	4	1
	090113002	1	1	1	1	1	4	1
DELAWARE	**Tot. # SLAMS Sites = 7; (# w/ data = 7); # where Acc. Reqrd (All)= 7; # w/ Accuracy Data = 7; # w/ 4 Q Acc.= 7**							
	100010002	1	1	1	1	1	4	1
	100010003	1	1	1	2	1	4	1
	100031003	1	1	1	1	1	4	1
	100031007	1	1	1	1	1	4	1
	100031012	1	1	2	1	1	4	1
	100032004	1	1	1	1	1	4	1
	100051002	1	1	1	1	1	4	1
DISTRICT O	**Tot. # SLAMS Sites = 3; (# w/ data = 3); # where Acc. Reqrd (All)= 3; # w/ Accuracy Data = 0; # w/ 4 Q Acc.= 0**							
	110010041	.	0	0	0	0	0	.
	110010042	.	0	0	0	0	0	.
	110010043	.	0	0	0	0	0	.
FLORIDA	**Tot. # SLAMS Sites =28; (# w/ data =26); # where Acc. Reqrd (All)=28; # w/ Accuracy Data =28; # w/ 4 Q Acc.=22**							
	120010023	1	1	1	1	1	4	1
	120090007	1	0	1	1	1	3	.
	120111002	1	1	1	1	1	4	1

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	120112004	1	1	1	1	1	4	1
	120113002	1	1	1	1	1	4	1
	120170005	1	0	0	0	1	1	.
	120251016	1	1	1	1	0	3	.
	120256001	1	1	1	1	0	3	.
	120310098	1	1	1	1	1	4	1
	120310099	1	1	1	1	1	4	1
	120330004	1	1	1	1	0	3	.
	120570030	1	1	1	1	1	4	1
	120571075	1	1	1	1	1	4	1
	120710005	1	1	1	1	1	4	1
	120730012	1	1	1	1	1	4	1
	120814012	1	1	1	1	1	4	1
	120830003	1	1	1	1	1	4	1
	120951004	1	1	1	1	0	3	.
	120952002	1	2	2	1	1	4	1
	120990009	1	1	1	1	1	4	1
	120992003	1	1	1	1	1	4	1
	121030018	1	1	1	1	1	4	1
	121031008	1	1	1	1	1	4	1
	121056006	1	1	1	1	1	4	1
	121111002	1	1	1	1	1	4	1
	121150013	1	1	1	1	1	4	1
	121171002	1	1	1	1	1	4	1
	121275002	1	1	1	1	1	4	1
GEORGIA	**Tot. # SLAMS Sites =23; (# w/ data =23); # where Acc. Reqrd (All)=23; # w/ Accuracy Data =23; # w/ 4 Q Acc.=23**							
	130210007	1	1	1	1	1	4	1
	130210012	1	1	1	2	1	4	1
	130510017	1	1	1	1	1	4	1
	130510091	1	1	1	1	1	4	1
	130590001	1	2	2	2	1	4	1
	130630091	1	1	1	1	1	4	1
	130670003	1	1	1	1	1	4	1
	130890002	1	2	1	1	1	4	1
	130892001	1	1	1	1	1	4	1
	130950007	1	2	1	1	1	4	1
	131150005	1	1	2	1	1	4	1
	131210032	1	1	1	1	1	4	1
	131210039	1	1	1	1	1	4	1
	131211001	1	1	1	1	1	4	1
	131270006	1	1	1	1	1	4	1
	131390003	1	1	1	1	1	4	1
	132150001	1	1	1	1	1	4	1
	132150011	1	1	1	1	3	4	1
	132230003	1	1	1	1	2	4	1

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	132450005	1	1	1	1	1	4	1
	132450091	1	1	1	1	1	4	1
	133030001	1	1	1	1	1	4	1
	133190001	1	2	1	1	1	4	1
HAWAII	**Tot. # SLAMS Sites = 5; (# w/ data = 5); # where Acc. Reqrd (All)= 5; # w/ Accuracy Data = 5; # w/ 4 Q Acc.= 2**							
	150030010	1	1	0	1	1	3	.
	150031001	1	1	0	1	1	3	.
	150031004	1	1	1	1	1	4	1
	150032004	1	1	1	1	1	4	1
	150090006	1	1	0	1	1	3	.
IDAHO	**Tot. # SLAMS Sites = 8; (# w/ data = 7); # where Acc. Reqrd (All)= 8; # w/ Accuracy Data = 6; # w/ 4 Q Acc.= 4**							
	160010011	1	0	0	1	0	1	.
	160010017	1	1	1	1	1	4	1
	160050006	1	2	1	1	1	4	1
	160050015	1	0	1	1	1	3	.
	160210001	.	0	0	0	0	0	.
	160270004	.	0	0	0	0	0	.
	160270005	1	2	1	1	1	4	1
	160550006	2	2	1	1	1	4	1
ILLINOIS	**Tot. # SLAMS Sites =35; (# w/ data =35); # where Acc. Reqrd (All)=35; # w/ Accuracy Data =35; # w/ 4 Q Acc.=26**							
	170010006	1	1	1	1	1	4	1
	170190004	1	1	1	1	1	4	1
	170191001	1	1	1	1	1	4	1
	170310014	1	1	1	1	1	4	1
	170310022	1	1	1	1	1	4	1
	170310050	1	1	1	1	1	4	1
	170310052	1	1	1	1	1	4	1
	170310057	1	1	1	1	1	4	1
	170310076	1	1	1	1	1	4	1
	170311016	1	0	1	1	1	3	.
	170312001	1	1	1	1	1	4	1
	170313301	1	1	1	1	1	4	1
	170314006	1	1	1	1	1	4	1
	170314201	1	0	1	1	1	3	.
	170316005	1	1	1	1	1	4	1
	170434002	1	0	1	1	1	3	.
	170890003	1	0	1	1	1	3	.
	170971007	1	0	1	1	1	3	.
	170990007	1	1	1	1	1	4	1
	171110001	1	0	1	1	1	3	.
	171132002	1	0	1	1	1	3	.
	171150013	1	1	1	1	1	4	1
	171190023	1	1	1	1	1	4	1
	171191007	1	1	1	1	1	4	1
	171192009	1	1	1	1	1	4	1

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	171193007	1	1	1	1	1	4	1
	171430037	1	1	1	1	1	4	1
	171570001	1	1	1	1	1	4	1
	171610003	1	1	1	1	1	4	1
	171630010	1	1	1	1	1	4	1
	171634001	1	0	1	1	1	3	.
	171670012	1	1	1	1	1	4	1
	171971002	1	1	1	1	1	4	1
	171971011	1	1	1	1	1	4	1
	172010010	1	0	1	1	1	3	.
INDIANA	**Tot. # SLAMS Sites =40; (# w/ data = 7); # where Acc. Reqrd (All)=40; # w/ Accuracy Data =39; # w/ 4 Q Acc.=35**							
	180030004	1	1	1	1	1	4	1
	180030014	1	0	1	1	1	3	.
	180030015	.	0	0	0	0	0	.
	180190005	1	1	1	1	1	4	1
	180350006	1	1	1	1	1	4	1
	180372001	1	1	1	1	1	4	1
	180390003	1	1	1	1	1	4	1
	180431004	1	1	1	2	1	4	1
	180650003	1	0	0	0	1	1	.
	180670003	1	1	1	1	1	4	1
	180830004	1	1	1	1	1	4	1
	180890006	1	1	1	1	1	4	1
	180890022	1	1	1	1	1	4	1
	180890026	1	1	1	1	1	4	1
	180890027	1	1	1	1	1	4	1
	180891003	1	1	1	1	1	4	1
	180891016	1	1	1	1	1	4	1
	180892004	1	1	1	1	1	4	1
	180892010	1	1	1	0	1	3	.
	180910011	1	1	1	1	1	4	1
	180910012	1	1	1	1	1	4	1
	180950009	1	1	1	1	1	4	1
	180970042	1	1	1	1	1	4	1
	180970043	1	1	1	1	1	4	1
	180970066	1	0	1	1	1	3	.
	180970078	1	1	1	1	1	4	1
	180970079	1	1	1	1	1	4	1
	180970081	1	1	1	1	1	4	1
	180970083	1	1	1	1	1	4	1
	181270020	1	1	1	1	1	4	1
	181270024	1	1	1	1	1	4	1
	181410014	1	1	1	1	1	4	1
	181411008	1	1	1	1	1	4	1
	181412004	1	1	1	1	1	4	1

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	181570007	1	1	1	1	1	4	1
	181630006	1	1	1	1	1	4	1
	181630012	1	1	1	1	1	4	1
	181630016	1	1	1	1	2	4	1
	181670018	1	1	1	1	1	4	1
	181670023	1	1	1	1	1	4	1
IOWA	**Tot. # SLAMS Sites =17; (# w/ data =17); # where Acc. Reqrd (All)=17; # w/ Accuracy Data =18; # w/ 4 Q Acc.=16**							
	190130008	1	1	1	1	1	4	1
	190330019	1	1	1	1	1	4	1
	190450021	1	1	1	1	1	4	1
	190630003	1	1	1	1	1	4	1
	191032001	1	1	1	1	1	4	1
	191130036	1	1	1	1	1	4	1
	191130037	1	1	1	1	1	4	1
	191390015	1	.	1	1	1	3	.
	191390016	1	1	0	0	0	1	.
	191530059	2	1	1	1	1	4	1
	191532510	1	1	1	1	1	4	1
	191532520	1	1	1	2	1	4	1
	191550009	1	1	1	1	1	4	1
	191630015	2	1	1	1	1	4	1
	191630018	1	1	1	1	1	4	1
	191692530	1	1	1	1	1	4	1
	191770005	1	1	1	1	1	4	1
	191930017	1	1	1	1	1	4	1
KANSAS	**Tot. # SLAMS Sites =12; (# w/ data =12); # where Acc. Reqrd (All)=12; # w/ Accuracy Data =12; # w/ 4 Q Acc.=12**							
	200910007	1	2	1	1	1	4	1
	200910008	1	3	1	1	1	4	1
	200910009	1	2	1	1	1	4	1
	201070002	1	1	1	1	1	4	1
	201730008	1	1	1	1	1	4	1
	201730009	1	1	1	1	1	4	1
	201730010	1	1	1	1	1	4	1
	201770010	1	1	1	1	1	4	1
	201770011	1	1	1	1	1	4	1
	201910002	1	1	1	1	1	4	1
	202090021	1	1	1	1	1	4	1
	202090022	1	1	1	1	1	4	1
KENTUCKY	**Tot. # SLAMS Sites =19; (# w/ data =19); # where Acc. Reqrd (All)=19; # w/ Accuracy Data =19; # w/ 4 Q Acc.= 6**							
	210190017	1	1	0	1	1	3	.
	210290006	1	1	1	1	0	3	.
	210370003	1	1	1	0	2	3	.
	210430500	1	0	0	1	1	2	.
	210470006	1	1	1	0	1	3	.
	210590014	1	0	1	1	1	3	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	210670012	1	1	1	1	1	4	1
	210670014	1	1	1	0	1	3	.
	210730006	1	1	1	1	0	3	.
	210930006	1	0	1	1	0	2	.
	211010006	1	1	0	1	1	3	.
	211110043	1	1	1	1	1	4	1
	211110044	1	1	0	1	1	3	.
	211110048	1	1	1	1	1	4	1
	211170007	1	1	1	0	2	3	.
	211451004	1	1	0	1	1	3	.
	211510003	1	1	1	1	1	4	1
	211950002	1	1	1	1	1	4	1
	212270007	1	1	1	1	1	4	1
LOUISIANA	**Tot. # SLAMS Sites =21; (# w/ data =21); # where Acc. Reqrd (All)=21; # w/ Accuracy Data =21; # w/ 4 Q Acc.=21**							
	220171002	1	1	1	1	1	4	1
	220190009	1	1	1	1	1	4	1
	220190010	1	1	1	1	1	4	1
	220290002	1	1	1	1	1	4	1
	220330002	1	1	2	1	1	4	1
	220330009	1	1	1	1	1	4	1
	220331001	1	1	1	1	1	4	1
	220470005	1	1	1	1	1	4	1
	220470009	1	1	1	1	1	4	1
	220511001	1	1	1	1	1	4	1
	220512001	1	1	1	1	1	4	1
	220550005	1	1	1	1	1	4	1
	220550006	1	1	1	1	1	4	1
	220710010	1	1	1	1	1	4	1
	220710012	1	1	2	1	1	4	1
	220730004	1	1	1	1	1	4	1
	220790001	1	1	1	1	1	4	1
	220870004	1	1	1	1	1	4	1
	221050001	1	1	1	1	1	4	1
	221090001	1	1	1	1	1	4	1
	221210001	1	1	1	1	2	4	1
MAINE	**Tot. # SLAMS Sites = 5; (# w/ data = 5); # where Acc. Reqrd (All)= 5; # w/ Accuracy Data = 3; # w/ 4 Q Acc.= 2**							
	230030013	.	0	0	0	0	0	.
	230031011	.	0	0	0	0	0	.
	230050027	1	2	2	2	0	3	.
	230090103	1	1	1	1	1	4	1
	230190002	1	2	1	2	1	4	1
MARYLAND	**Tot. # SLAMS Sites =18; (# w/ data =18); # where Acc. Reqrd (All)=18; # w/ Accuracy Data = 0; # w/ 4 Q Acc.= 0**							
	240030014	.	0	0	0	0	0	.
	240030019	.	0	0	0	0	0	.
	240031003	.	0	0	0	0	0	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	240032002	.	0	0	0	0	0	.
	240051007	.	0	0	0	0	0	.
	240053001	.	0	0	0	0	0	.
	240150003	.	0	0	0	0	0	.
	240251001	.	0	0	0	0	0	.
	240313001	.	0	0	0	0	0	.
	240330001	.	0	0	0	0	0	.
	240338001	.	0	0	0	0	0	.
	240430009	.	0	0	0	0	0	.
	245100006	.	0	0	0	0	0	.
	245100007	.	0	0	0	0	0	.
	245100035	.	0	0	0	0	0	.
	245100040	.	0	0	0	0	0	.
	245100049	.	0	0	0	0	0	.
	245100052	.	0	0	0	0	0	.
MASSACHU	**Tot. # SLAMS Sites =21; (# w/ data =21); # where Acc. Reqrd (All)=21; # w/ Accuracy Data =20; # w/ 4 Q Acc.=11**							
	250035001	1	1	1	1	1	4	1
	250052004	1	1	1	1	1	4	1
	250053001	1	1	1	1	0	3	.
	250092006	1	1	1	1	1	4	1
	250095005	1	1	1	1	1	4	1
	250096001	1	1	1	1	1	4	1
	250130008	1	1	0	1	1	3	.
	250130016	1	1	1	1	1	4	1
	250132007	1	1	1	1	1	4	1
	250154002	1	1	1	2	1	4	1
	250170008	.	0	0	0	0	0	.
	250171102	1	1	1	0	1	3	.
	250210007	1	1	1	0	0	2	.
	250230004	1	0	1	1	1	3	.
	250250002	1	1	1	2	0	3	.
	250250027	1	1	1	1	0	3	.
	250250042	1	1	1	1	1	4	1
	250250043	1	0	1	1	0	2	.
	250270016	1	1	1	1	1	4	1
	250270020	1	1	1	2	1	4	1
	250272004	1	1	1	0	1	3	.
MICHIGAN	**Tot. # SLAMS Sites =25; (# w/ data =24); # where Acc. Reqrd (All)=25; # w/ Accuracy Data =24; # w/ 4 Q Acc.= 8**							
	260050003	1	0	1	1	1	3	.
	260070005	1	0	0	0	1	1	.
	260170014	1	.	.	0	1	1	.
	260210014	1	0	1	1	1	3	.
	260490021	1	1	1	1	1	4	1
	260550003	1	0	0	1	1	2	.
	260650012	1	1	0	1	1	3	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	260770008	1	0	1	1	1	3	.
	260810020	1	0	0	1	1	2	.
	260990009	1	0	0	1	1	2	.
	261150005	1	1	1	1	1	4	1
	261210040	1	0	1	1	1	3	.
	261250001	1	1	0	1	1	3	.
	261390005	1	0	1	1	1	3	.
	261450018	1	0	1	1	1	3	.
	261470005	.	0	0	0	0	0	.
	261610005	1	0	0	1	1	2	.
	261610008	1	0	1	1	1	3	.
	261630001	1	1	1	1	1	4	1
	261630015	1	1	1	1	1	4	1
	261630016	1	1	1	2	1	4	1
	261630019	1	.	1	1	1	3	.
	261630025	1	1	1	1	1	4	1
	261630033	1	1	1	1	1	4	1
	261630036	1	1	1	1	1	4	1
MINNESOTA	**Tot. # SLAMS Sites =16; (# w/ data =16); # where Acc. Reqrd (All)=16; # w/ Accuracy Data =16; # w/ 4 Q Acc.= 1**							
	270376018	1	0	0	1	1	2	.
	270530960	1	0	0	0	1	1	.
	270530961	1	0	0	1	1	2	.
	270531007	1	0	0	0	1	1	.
	270532006	1	0	0	0	1	1	.
	270953051	1	0	0	0	1	1	.
	271095008	1	0	0	1	0	1	.
	271230866	1	0	0	0	1	1	.
	271230868	2	0	0	0	1	1	.
	271230871	1	0	0	1	0	1	.
	271230872	1	0	0	1	1	2	.
	271377001	1	1	1	0	1	3	.
	271377550	1	1	1	1	1	4	1
	271377551	1	1	1	1	0	3	.
	271390505	1	0	0	0	1	1	.
	271453052	1	0	0	1	1	2	.
MISSISSIPI	**Tot. # SLAMS Sites =16; (# w/ data =16); # where Acc. Reqrd (All)=16; # w/ Accuracy Data =16; # w/ 4 Q Acc.=12**							
	280010004	1	1	1	1	1	4	1
	280110001	1	1	1	1	0	3	.
	280330002	1	1	1	1	0	3	.
	280350004	1	1	1	1	1	4	1
	280470008	1	1	1	1	0	3	.
	280490010	1	1	1	1	1	4	1
	280490018	1	1	1	1	1	4	1
	280590006	1	1	1	1	1	4	1
	280670002	1	1	1	1	1	4	1

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	280750003	1	1	1	1	1	4	1
	280810005	1	1	1	1	1	4	1
	280870001	1	1	1	1	1	4	1
	281090001	1	.	1	1	1	3	.
	281210001	1	1	1	1	1	4	1
	281230001	1	1	1	1	1	4	1
	281490004	1	1	1	1	1	4	1
MISSOURI	**Tot. # SLAMS Sites =18; (# w/ data =18); # where Acc. Reqrd (All)=18; # w/ Accuracy Data =19; # w/ 4 Q Acc.=14**							
	290210010	1	1	1	1	1	4	1
	290370003	1	0	1	1	1	3	.
	290390001	1	1	1	1	1	4	1
	290470005	1	1	1	1	1	4	1
	290470026	1	1	1	1	1	4	1
	290470041	1	1	0	1	1	3	.
	290770032	1	2	2	2	2	4	1
	290910003	1	1	2	1	1	4	1
	290950036	1	1	0	0	0	1	.
	290950037	1	.	1	1	1	3	.
	290952002	1	1	1	1	1	4	1
	290990012	1	1	1	1	1	4	1
	291831002	1	1	1	1	1	4	1
	291860006	1	1	1	1	1	4	1
	291892003	1	2	2	2	1	4	1
	291895001	1	1	1	1	1	4	1
	295100007	1	0	1	1	1	3	.
	295100085	1	1	1	1	1	4	1
	295100086	1	1	1	1	1	4	1
MONTANA	**Tot. # SLAMS Sites = 7; (# w/ data = 0); # where Acc. Reqrd (All)= 7; # w/ Accuracy Data = 7; # w/ 4 Q Acc.= 0**							
	300131026	1	1	1	0	0	2	.
	300290039	1	1	1	0	0	2	.
	300290047	1	1	1	0	0	2	.
	300530018	1	2	1	0	0	2	.
	300630024	1	1	1	0	0	2	.
	300810001	1	0	1	0	0	1	.
	301111065	1	1	1	0	0	2	.
NEBRASKA	**Tot. # SLAMS Sites =13; (# w/ data =13); # where Acc. Reqrd (All)=13; # w/ Accuracy Data =12; # w/ 4 Q Acc.= 0**							
	310250002	1	2	3	2	0	3	.
	310270001	1	3	3	2	0	3	.
	310310001	1	1	2	2	0	3	.
	310490001	1	2	3	2	0	3	.
	310550019	1	1	0	0	0	1	.
	310550051	1	0	1	0	0	1	.
	310550052	1	1	0	0	0	1	.
	310790003	1	2	4	0	0	2	.
	311090022	.	0	0	0	0	0	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	311111002	1	2	3	1	0	3	.
	311530007	1	2	3	2	0	3	.
	311570003	1	2	2	2	0	3	.
	311770002	1	2	3	2	0	3	.
NEVADA	**Tot. # SLAMS Sites = 8; (# w/ data = 7); # where Acc. Reqrd (All)= 8; # w/ Accuracy Data = 1; # w/ 4 Q Acc.= 0**							
	320030022	.	0	0	0	0	0	.
	320030298	.	0	0	0	0	0	.
	320030560	.	0	0	0	0	0	.
	320031019	.	0	0	0	0	0	.
	320032002	.	0	0	0	0	0	.
	320050008	1	0	1	0	0	1	.
	320310016	.	0	0	0	0	0	.
	320312002	.	0	0	0	0	0	.
NEW HAMP	**Tot. # SLAMS Sites = 8; (# w/ data = 0); # where Acc. Reqrd (All)= 8; # w/ Accuracy Data = 0; # w/ 4 Q Acc.= 0**							
	330012003	.	0	0	0	0	0	.
	330050007	.	0	0	0	0	0	.
	330070014	.	0	0	0	0	0	.
	330110019	.	0	0	0	0	0	.
	330111007	.	0	0	0	0	0	.
	330130003	.	0	0	0	0	0	.
	330135001	.	0	0	0	0	0	.
	330150009	.	0	0	0	0	0	.
	330190003	.	0	0	0	0	0	.
NEW JERSE	**Tot. # SLAMS Sites =19; (# w/ data = 0); # where Acc. Reqrd (All)=19; # w/ Accuracy Data =18; # w/ 4 Q Acc.= 1**							
	340030003	1	2	3	3	0	3	.
	340070003	1	2	3	2	0	3	.
	340071007	1	2	3	0	0	2	.
	340130011	.	0	0	0	0	0	.
	340130015	1	2	3	2	0	3	.
	340155001	1	1	3	2	0	3	.
	340171003	1	2	3	2	0	3	.
	340172002	1	2	2	2	0	3	.
	340210008	1	2	4	3	0	3	.
	340218001	1	0	2	2	0	2	.
	340230006	1	2	3	3	0	3	.
	340270004	1	2	3	2	1	4	1
	340273001	1	2	3	3	0	3	.
	340292002	1	2	1	2	0	3	.
	340310005	1	1	0	2	0	2	.
	340390004	1	1	2	2	0	3	.
	340390006	1	1	3	3	0	3	.
	340392003	1	2	1	2	0	3	.
	340410006	1	3	3	3	0	3	.
NEW MEXIC	**Tot. # SLAMS Sites = 3; (# w/ data = 2); # where Acc. Reqrd (All)= 3; # w/ Accuracy Data = 2; # w/ 4 Q Acc.= 0**							
	350010023	1	0	1	0	0	1	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	350010024	1	0	1	0	0	1	.
	350010027	.	0	0	0	0	0	.
NEW YORK	**Tot. # SLAMS Sites =50; (# w/ data =40); # where Acc. Reqrd (All)=50; # w/ Accuracy Data =39; # w/ 4 Q Acc.= 0**							
	360010005	1	1	2	1	0	3	.
	360010012	1	1	1	1	0	3	.
	360050080	1	1	1	1	0	3	.
	360050083	1	1	1	1	0	3	.
	360050110	1	2	1	1	0	3	.
	360070009	1	1	1	1	0	3	.
	360130011	1	1	1	1	0	3	.
	360271004	1	1	1	1	0	3	.
	360290002	1	1	1	1	0	3	.
	360290005	1	1	1	1	0	3	.
	360291007	1	1	1	1	0	3	.
	360310003	1	1	1	1	0	3	.
	360470011	1	1	1	1	0	3	.
	360470052	1	.	1	1	0	2	.
	360470076	1	1	1	1	0	3	.
	360470118	.	0	0	0	0	0	.
	360470121	.	0	0	0	0	0	.
	360470122	.	0	0	0	0	0	.
	360552002	1	1	1	0	0	2	.
	360556001	1	1	1	1	0	3	.
	360590005	.	0	0	0	0	0	.
	360590008	1	1	0	1	0	2	.
	360590011	.	0	0	0	0	0	.
	360590012	.	0	0	0	0	0	.
	360590013	.	0	0	0	0	0	.
	360610010	1	3	1	1	0	3	.
	360610056	1	1	1	1	0	3	.
	360610062	1	1	1	1	0	3	.
	360610079	1	1	1	1	0	3	.
	360610115	.	0	0	0	0	0	.
	360610117	.	0	0	0	0	0	.
	360610119	.	0	0	0	0	0	.
	360632008	1	1	1	1	0	3	.
	360652001	1	1	1	1	0	3	.
	360670019	1	1	1	1	0	3	.
	360670020	1	.	1	1	0	2	.
	360671015	1	1	1	1	0	3	.
	360679999	.	0	0	0	0	0	.
	360710002	1	1	2	1	0	3	.
	360810094	1	1	1	1	0	3	.
	360810096	1	.	1	1	0	2	.
	360810097	1	1	1	1	0	3	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	360810116	.	0	0	0	0	0	.
	360850055	1	1	1	1	0	3	.
	360850067	1	1	1	1	0	3	.
	360893001	1	1	1	1	0	3	.
	360930003	1	1	1	1	0	3	.
	361010003	1	1	1	1	0	3	.
	361030001	1	1	1	1	0	3	.
	361030005	1	1	1	1	0	3	.
	361191002	1	0	2	1	0	2	.
NORTH CAI	**Tot. # SLAMS Sites =30; (# w/ data =28); # where Acc. Reqrd (All)=30; # w/ Accuracy Data =29; # w/ 4 Q Acc.=23**							
	370010002	1	1	1	1	2	4	1
	370210034	1	1	1	1	1	4	1
	370350004	1	1	1	1	1	4	1
	370370004	1	1	1	2	1	4	1
	370510009	1	3	1	1	1	4	1
	370610002	1	1	1	1	1	4	1
	370630001	1	1	1	1	1	4	1
	370650003	1	0	1	1	1	3	.
	370670022	1	1	1	1	1	4	1
	370670024	1	1	1	1	1	4	1
	370710016	1	1	1	1	1	4	1
	370810009	1	2	1	1	1	4	1
	370811005	1	1	1	1	1	4	1
	370870010	1	1	1	1	1	4	1
	371190010	1	1	1	1	1	4	1
	371190034	.	0	0	0	0	0	.
	371190040	1	1	1	1	0	3	.
	371190041	1	1	1	1	1	4	1
	371190042	1	.	.	0	1	1	.
	371210001	1	1	1	1	1	4	1
	371290009	1	1	1	1	1	4	1
	371330005	1	1	1	1	1	4	1
	371350007	1	1	1	1	1	4	1
	371390002	1	2	1	1	1	4	1
	371470005	1	0	1	1	1	3	.
	371550004	1	2	0	0	0	1	.
	371550005	.	0	0	0	0	0	.
	371730002	1	1	1	1	1	4	1
	371830014	1	1	1	1	1	4	1
	371830015	1	1	1	1	1	4	1
	371910005	1	0	1	1	1	3	.
NORTH DAI	**Tot. # SLAMS Sites = 7; (# w/ data = 7); # where Acc. Reqrd (All)= 7; # w/ Accuracy Data = 7; # w/ 4 Q Acc.= 6**							
	380070002	1	.	.	1	1	2	.
	380150003	1	2	1	1	1	4	1
	380171004	1	1	1	1	1	4	1

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	380350004	1	1	1	1	1	4	1
	380570004	1	1	1	1	1	4	1
	380890002	1	1	1	1	1	4	1
	380910001	1	1	1	1	1	4	1
OHIO	**Tot. # SLAMS Sites =46; (# w/ data =44); # where Acc. Reqrd (All)=46; # w/ Accuracy Data =29; # w/ 4 Q Acc.= 0**							
	390090003	.	0	0	0	0	0	.
	390170003	1	0	2	2	2	3	.
	390170016	1	.	.	.	1	1	.
	390170017	1	.	.	.	1	1	.
	390230005	1	.	.	1	1	2	.
	390350013	.	0	0	0	0	0	.
	390350027	.	0	0	0	0	0	.
	390350034	.	0	0	0	0	0	.
	390350038	.	0	0	0	0	0	.
	390350045	.	0	0	0	0	0	.
	390350060	.	0	0	0	0	0	.
	390350065	.	0	0	0	0	0	.
	390350066	.	0	0	0	0	0	.
	390351002	.	0	0	0	0	0	.
	390490024	.	0	0	0	0	0	.
	390490025	.	0	0	0	0	0	.
	390490028	.	0	0	0	0	0	.
	390490029	.	0	0	0	0	0	.
	390490081	.	0	0	0	0	0	.
	390610014	1	0	0	2	2	2	.
	390610040	1	0	1	1	1	3	.
	390610041	1	0	0	2	2	2	.
	390610042	1	.	.	.	1	1	.
	390610043	1	.	.	.	1	1	.
	390617001	1	0	0	1	1	2	.
	390618001	1	0	0	1	1	2	.
	390810016	.	0	0	0	0	0	.
	390811001	.	0	0	0	0	0	.
	390851001	1	0	1	1	1	3	.
	390870010	1	0	0	1	1	2	.
	390930016	1	.	.	1	0	1	.
	390932003	1	0	1	0	2	2	.
	390950024	1	0	0	1	1	2	.
	390950025	1	0	0	1	1	2	.
	390950026	1	0	0	1	1	2	.
	390990005	1	0	0	2	2	2	.
	391130014	1	0	2	2	2	3	.
	391130031	1	0	0	1	1	2	.
	391330002	1	0	0	1	1	2	.
	391351001	1	0	0	1	0	1	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	391450013	1	0	0	1	1	2	.
	391510017	1	0	2	2	2	3	.
	391510020	1	0	1	1	1	3	.
	391530017	1	0	0	2	2	2	.
	391530023	1	0	0	1	1	2	.
	391550007	1	0	0	1	1	2	.
OKLAHOMA	**Tot. # SLAMS Sites = 4; (# w/ data = 4); # where Acc. Reqrd (All)= 4; # w/ Accuracy Data = 4; # w/ 4 Q Acc.= 4**							
	400190295	1	1	1	1	1	4	1
	401210415	1	1	1	1	1	4	1
	401430110	1	1	1	1	1	4	1
	401430131	1	1	1	1	1	4	1
OREGON	**Tot. # SLAMS Sites =25; (# w/ data =19); # where Acc. Reqrd (All)=25; # w/ Accuracy Data =23; # w/ 4 Q Acc.=21**							
	410030013	1	1	1	1	1	4	1
	410170113	1	1	1	1	1	4	1
	410250002	1	1	1	0	1	3	.
	410290133	1	1	1	1	1	4	1
	410330107	1	1	1	1	1	4	1
	410350004	1	1	1	1	1	4	1
	410370001	1	1	1	1	1	4	1
	410390060	1	1	1	1	1	4	1
	410391007	1	1	1	1	1	4	1
	410391061	1	1	1	1	1	4	1
	410392013	1	1	1	1	1	4	1
	410430009	1	1	1	1	1	4	1
	410470040	1	1	1	1	1	4	1
	410470109	.	0	0	0	0	0	.
	410470110	1	1	1	1	1	4	1
	410510080	1	1	1	1	1	4	1
	410510244	1	1	1	2	0	3	.
	410510246	1	1	1	1	1	4	1
	410590121	1	1	1	1	1	4	1
	410610006	.	0	0	0	0	0	.
	410610117	1	1	1	1	1	4	1
	410619103	1	1	1	1	1	4	1
	410650007	1	1	1	1	1	4	1
	410670111	1	1	1	1	1	4	1
	410671003	1	1	1	1	1	4	1
PENNSYLV	**Tot. # SLAMS Sites =37; (# w/ data =37); # where Acc. Reqrd (All)=37; # w/ Accuracy Data =29; # w/ 4 Q Acc.=26**							
	420010001	1	1	1	1	1	4	1
	420030008	.	0	0	0	0	0	.
	420030021	.	0	0	0	0	0	.
	420030064	.	0	0	0	0	0	.
	420030067	.	0	0	0	0	0	.
	420030116	.	0	0	0	0	0	.
	420030131	.	0	0	0	0	0	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	420031008	.	0	0	0	0	0	.
	420031301	.	0	0	0	0	0	.
	420070014	1	1	1	1	1	4	1
	420110009	1	1	1	1	1	4	1
	420170012	1	1	1	1	1	4	1
	420210011	1	1	1	1	1	4	1
	420270100	1	1	1	1	1	4	1
	420410100	1	1	2	1	1	4	1
	420430401	1	1	1	1	1	4	1
	420450002	1	1	1	1	1	4	1
	420490003	1	1	1	1	1	4	1
	420692006	1	1	1	2	1	4	1
	420710007	1	1	1	1	1	4	1
	420770004	1	1	1	1	1	4	1
	420791101	1	1	1	1	1	4	1
	420850100	1	.	1	1	1	3	.
	420910013	1	1	0	1	1	3	.
	420950025	1	1	1	1	1	4	1
	420990301	1	1	1	1	1	4	1
	421010004	1	1	1	1	1	4	1
	421010020	1	1	1	1	1	4	1
	421010024	1	1	1	1	1	4	1
	421010027	1	.	1	1	0	2	.
	421010047	1	1	1	1	1	4	1
	421010136	1	1	1	1	1	4	1
	421250005	1	1	1	1	1	4	1
	421250200	1	1	1	1	1	4	1
	421255001	1	1	1	1	1	4	1
	421290008	1	1	1	1	1	4	1
	421330008	1	1	1	1	1	4	1
PUERTO RI	**Tot. # SLAMS Sites =10; (# w/ data = 0); # where Acc. Reqrd (All)=10; # w/ Accuracy Data = 0; # w/ 4 Q Acc.= 0**							
	720210009	.	0	0	0	0	0	.
	720530003	.	0	0	0	0	0	.
	720570008	.	0	0	0	0	0	.
	720590016	.	0	0	0	0	0	.
	720610005	.	0	0	0	0	0	.
	720690001	.	0	0	0	0	0	.
	720810001	.	0	0	0	0	0	.
	720970003	.	0	0	0	0	0	.
	721130004	.	0	0	0	0	0	.
	721270003	.	0	0	0	0	0	.
RHODE ISL	**Tot. # SLAMS Sites =0.; (# w/ data = 0); # where Acc. Reqrd (All)= 0; # w/ Accuracy Data = 0; # w/ 4 Q Acc.= 0**							
SOUTH CAI	**Tot. # SLAMS Sites =14; (# w/ data =14); # where Acc. Reqrd (All)=14; # w/ Accuracy Data =14; # w/ 4 Q Acc.=13**							
	450130007	1	6	6	6	6	4	1
	450190046	1	5	5	5	6	4	1

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	450190048	1	7	6	7	7	4	1
	450190049	1	6	6	7	6	4	1
	450370001	1	7	6	7	5	4	1
	450410002	1	8	6	6	6	4	1
	450450009	1	6	7	7	6	4	1
	450470003	1	7	5	6	6	4	1
	450510002	1	.	.	.	1	1	.
	450630008	1	7	7	6	7	4	1
	450730001	1	6	5	7	5	4	1
	450790007	1	4	8	5	6	4	1
	450790019	1	7	6	5	6	4	1
	450830010	1	6	7	7	6	4	1
SOUTH DAK	**Tot. # SLAMS Sites =11; (# w/ data = 9); # where Acc. Reqrd (All)=11; # w/ Accuracy Data =11; # w/ 4 Q Acc.= 9**							
	460110002	1	1	1	1	1	4	1
	460130003	1	2	1	1	1	4	1
	460710001	1	1	1	1	1	4	1
	460930001	1	0	0	0	1	1	.
	460990006	1	1	1	1	1	4	1
	460990007	1	1	1	1	1	4	1
	461030015	1	1	1	1	0	3	.
	461030016	1	1	1	1	1	4	1
	461030017	1	1	1	1	1	4	1
	461030019	1	1	1	1	1	4	1
	461031001	1	1	1	1	1	4	1
TENNESSEE	**Tot. # SLAMS Sites =20; (# w/ data = 6); # where Acc. Reqrd (All)=20; # w/ Accuracy Data =10; # w/ 4 Q Acc.= 0**							
	470090005	.	0	0	0	0	0	.
	470090011	1	.	0	1	1	2	.
	470370023	.	0	0	0	0	0	.
	470370025	.	0	0	0	0	0	.
	470370036	.	0	0	0	0	0	.
	470650031	.	0	0	0	0	0	.
	470650032	.	0	0	0	0	0	.
	470654002	.	0	0	0	0	0	.
	470930028	1	0	1	1	0	2	.
	470931017	1	0	1	1	1	3	.
	470931020	1	0	0	1	0	1	.
	470990002	1	0	1	1	1	3	.
	471130004	1	0	1	1	1	3	.
	471251009	1	0	1	1	1	3	.
	471450004	1	0	1	1	1	3	.
	471570014	.	0	0	0	0	0	.
	471570038	.	0	0	0	0	0	.
	471570047	.	0	0	0	0	0	.
	471571004	.	0	0	0	0	0	.
	471631007	1	0	1	1	1	3	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	471650007	1	0	1	1	1	3	.
TEXAS	**Tot. # SLAMS Sites =55; (# w/ data =50); # where Acc. Reqrd (All)=55; # w/ Accuracy Data = 0; # w/ 4 Q Acc.= 0**							
	480290052	.	0	0	0	0	0	.
	480290053	.	0	0	0	0	0	.
	480290060	.	0	0	0	0	0	.
	480370004	.	0	0	0	0	0	.
	480391003	.	0	0	0	0	0	.
	480550062	.	0	0	0	0	0	.
	480612002	.	0	0	0	0	0	.
	480850005	.	0	0	0	0	0	.
	481130020	.	0	0	0	0	0	.
	481130035	.	0	0	0	0	0	.
	481130050	.	0	0	0	0	0	.
	481130057	.	0	0	0	0	0	.
	481130069	.	0	0	0	0	0	.
	481130087	.	0	0	0	0	0	.
	481350003	.	0	0	0	0	0	.
	481410002	.	0	0	0	0	0	.
	481410010	.	0	0	0	0	0	.
	481410037	.	0	0	0	0	0	.
	481410038	.	0	0	0	0	0	.
	481410044	.	0	0	0	0	0	.
	481410045	.	0	0	0	0	0	.
	481410057	.	0	0	0	0	0	.
	481670014	.	0	0	0	0	0	.
	481670053	.	0	0	0	0	0	.
	481671005	.	0	0	0	0	0	.
	481830001	.	0	0	0	0	0	.
	482010024	.	0	0	0	0	0	.
	482010026	.	0	0	0	0	0	.
	482010051	.	0	0	0	0	0	.
	482010055	.	0	0	0	0	0	.
	482010058	.	0	0	0	0	0	.
	482010062	.	0	0	0	0	0	.
	482010803	.	0	0	0	0	0	.
	482011035	.	0	0	0	0	0	.
	482011037	.	0	0	0	0	0	.
	482011039	.	0	0	0	0	0	.
	482150042	.	0	0	0	0	0	.
	482150043	.	0	0	0	0	0	.
	482450021	.	0	0	0	0	0	.
	482450022	.	0	0	0	0	0	.
	483030001	.	0	0	0	0	0	.
	483091002	.	0	0	0	0	0	.
	483150050	.	0	0	0	0	0	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	483390089	.	0	0	0	0	0	.
	483550020	.	0	0	0	0	0	.
	483550032	.	0	0	0	0	0	.
	483611001	.	0	0	0	0	0	.
	483750005	.	0	0	0	0	0	.
	484390063	.	0	0	0	0	0	.
	484391002	.	0	0	0	0	0	.
	484391003	.	0	0	0	0	0	.
	484393006	.	0	0	0	0	0	.
	484530020	.	0	0	0	0	0	.
	484530021	.	0	0	0	0	0	.
	484790016	.	0	0	0	0	0	.
UTAH	**Tot. # SLAMS Sites =15; (# w/ data =15); # where Acc. Reqrd (All)=15; # w/ Accuracy Data =14; # w/ 4 Q Acc.=10**							
	490030003	1	.	.	0	3	1	.
	490050004	1	0	0	0	3	1	.
	490110001	1	1	1	1	4	4	1
	490350003	1	1	1	1	3	4	1
	490350012	1	1	1	1	3	4	1
	490353003	.	0	0	0	0	0	.
	490353006	1	2	1	1	4	4	1
	490353007	1	1	1	1	3	4	1
	490450002	1	2	1	1	3	4	1
	490490002	1	1	1	1	3	4	1
	490494001	1	1	1	1	3	4	1
	490495008	1	0	1	1	3	3	.
	490495010	1	1	1	1	3	4	1
	490570001	.	0	0	0	0	0	.
	490570007	1	1	1	1	3	4	1
	490571003	1	.	.	.	1	1	.
VERMONT	**Tot. # SLAMS Sites = 3; (# w/ data = 3); # where Acc. Reqrd (All)= 3; # w/ Accuracy Data = 3; # w/ 4 Q Acc.= 3**							
	500030005	1	1	1	1	1	4	1
	500070007	1	1	1	1	1	4	1
	500210002	1	2	1	1	1	4	1
VIRGIN ISL/	**Tot. # SLAMS Sites = 2; (# w/ data = 2); # where Acc. Reqrd (All)= 2; # w/ Accuracy Data = 0; # w/ 4 Q Acc.= 0**							
	780010012	.	0	0	0	0	0	.
	780050008	.	0	0	0	0	0	.
	780050009	.	0	0	0	0	0	.
VIRGINIA	**Tot. # SLAMS Sites =20; (# w/ data =20); # where Acc. Reqrd (All)=20; # w/ Accuracy Data =20; # w/ 4 Q Acc.= 0**							
	510130020	1	1	1	1	0	3	.
	510360002	1	1	1	1	0	3	.
	510410003	1	1	1	1	0	3	.
	510590030	1	1	1	1	0	3	.
	510591004	1	1	1	1	0	3	.
	510595001	1	1	1	1	0	3	.
	510870014	1	1	1	1	0	3	.

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	510870015	1	1	1	1	0	3	.
	511071005	1	1	1	1	0	3	.
	511390004	1	1	1	1	0	3	.
	515200006	1	1	1	1	0	3	.
	515500012	1	1	1	1	0	3	.
	516500004	1	1	1	1	0	3	.
	516800014	1	1	1	1	0	3	.
	517000013	1	1	1	1	0	3	.
	517100024	1	1	1	1	0	3	.
	517600020	1	0	1	1	0	2	.
	517700014	1	1	1	1	0	3	.
	517750010	1	1	1	1	0	3	.
	518100008	1	1	1	1	0	3	.
WASHINGT	**Tot. # SLAMS Sites =20; (# w/ data =19); # where Acc. Reqrd (All)=20; # w/ Accuracy Data =19; # w/ 4 Q Acc.=17**							
	530050002	1	1	1	1	1	4	1
	530110013	1	1	1	1	1	4	1
	530330017	1	1	1	1	1	4	1
	530330021	1	1	1	1	1	4	1
	530330024	1	1	1	1	1	4	1
	530330027	1	1	1	2	1	4	1
	530330037	1	.	.	.	1	1	.
	530330057	1	1	1	1	1	4	1
	530330080	1	1	1	1	1	4	1
	530332004	.	0	0	0	0	0	.
	530530029	1	1	1	1	1	4	1
	530530031	1	1	1	1	1	4	1
	530531018	1	1	1	1	1	4	1
	530610005	1	1	1	1	1	4	1
	530611007	1	1	1	1	1	4	1
	530630016	1	1	1	1	1	4	1
	530630047	1	1	1	1	1	4	1
	530670013	1	1	1	1	1	4	1
	530730015	1	1	1	1	1	4	1
	530770009	1	.	1	1	1	3	.
WEST VIRG	**Tot. # SLAMS Sites =11; (# w/ data = 0); # where Acc. Reqrd (All)=11; # w/ Accuracy Data = 7; # w/ 4 Q Acc.= 5**							
	540030003	1	3	3	3	3	4	1
	540090005	.	0	0	0	0	0	.
	540110006	1	2	2	2	2	4	1
	540290011	.	0	0	0	0	0	.
	540291004	.	0	0	0	0	0	.
	540390009	1	3	2	0	0	2	.
	540390010	1	.	0	3	2	2	.
	540391005	1	2	1	2	2	4	1
	540511002	.	0	0	0	0	0	.
	540610003	1	3	3	3	3	4	1

1999 PM2.5 Data Completeness, Accuracy (as of AIRS 4/5/01)

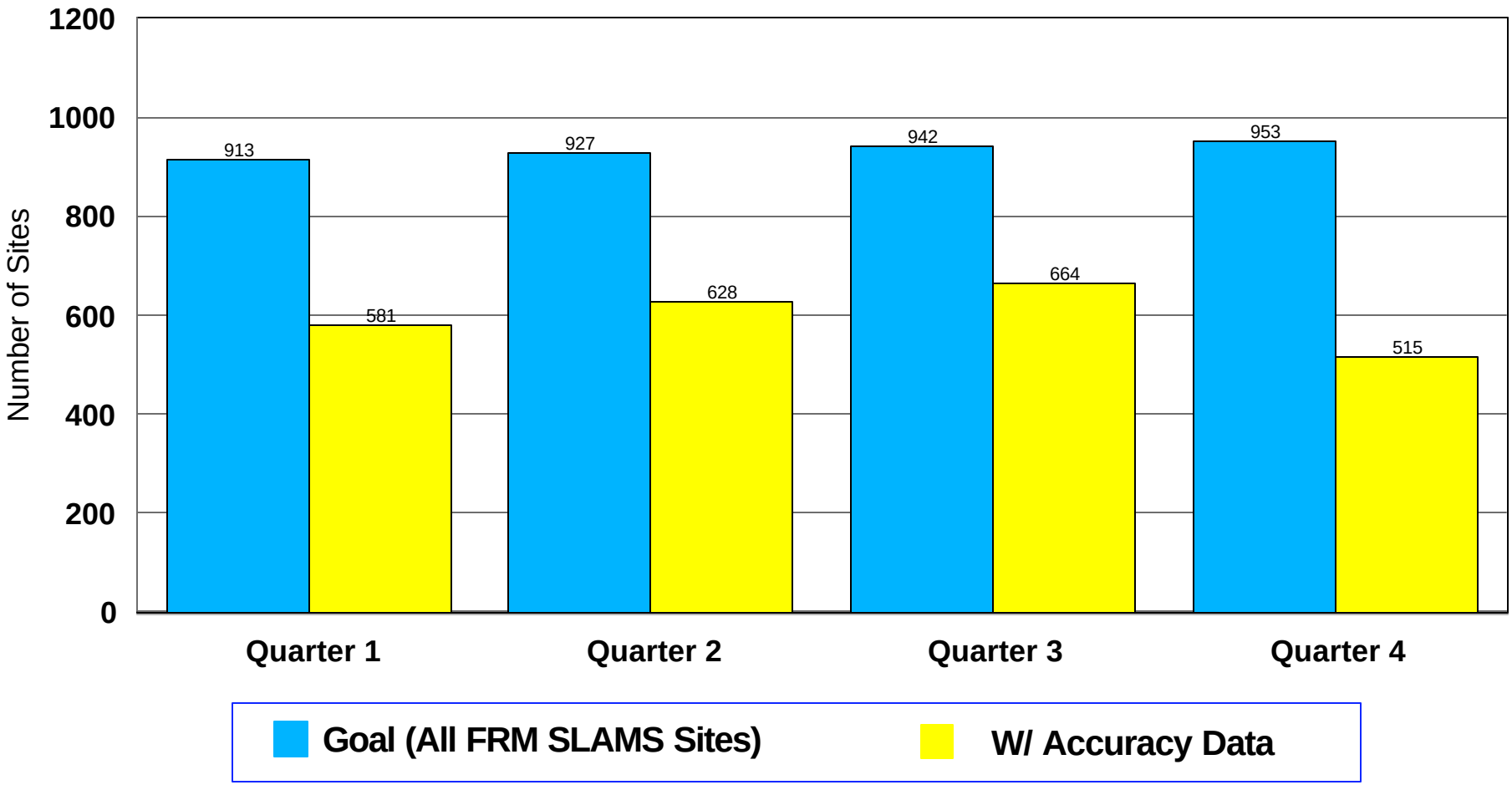
STATE	SITE	POC	# of Accuracy Records				# Q's w/ Accuracy	Accuracy in All 4 Q's
			Q1	Q2	Q3	Q4		
	540690008	.	0	0	0	0	0	.
	541071002	1	3	3	3	3	4	1
WISCONSIN	**Tot. # SLAMS Sites =21; (# w/ data = 0); # where Acc. Reqrd (All)=21; # w/ Accuracy Data =21; # w/ 4 Q Acc.= 0**							
	550090005	1	2	1	1	0	3	.
	550090026	1	1	1	1	0	3	.
	550250025	1	2	1	1	0	3	.
	550290004	1	1	1	1	0	3	.
	550310025	1	2	1	1	0	3	.
	550590019	3	1	1	1	0	3	.
	550710007	1	1	1	1	0	3	.
	550790010	2	1	1	1	0	3	.
	550790026	1	2	0	1	0	2	.
	550790043	1	1	1	1	0	3	.
	550790050	1	1	1	1	0	3	.
	550790051	1	1	1	1	0	3	.
	550790059	2	2	1	1	0	3	.
	550790099	1	1	1	1	0	3	.
	550870009	1	1	1	1	0	3	.
	550890008	1	1	1	1	0	3	.
	551050002	1	2	1	1	0	3	.
	551330027	2	2	1	1	0	3	.
	551330034	1	1	1	1	0	3	.
	551390011	1	1	1	1	0	3	.
	551410016	1	0	1	1	0	2	.
WYOMING	**Tot. # SLAMS Sites = 4; (# w/ data = 4); # where Acc. Reqrd (All)= 4; # w/ Accuracy Data = 4; # w/ 4 Q Acc.= 0**							
	560131004	1	0	0	2	0	1	.
	560210001	1	0	1	2	0	2	.
	560330001	1	4	4	1	0	3	.
	560330002	1	6	6	1	0	3	.

Attachment IVB. Accuracy Completeness Plots

Completeness - Accuracy

Data Capture by Quarter, 2000

[4/5/01 AIRS Extraction]

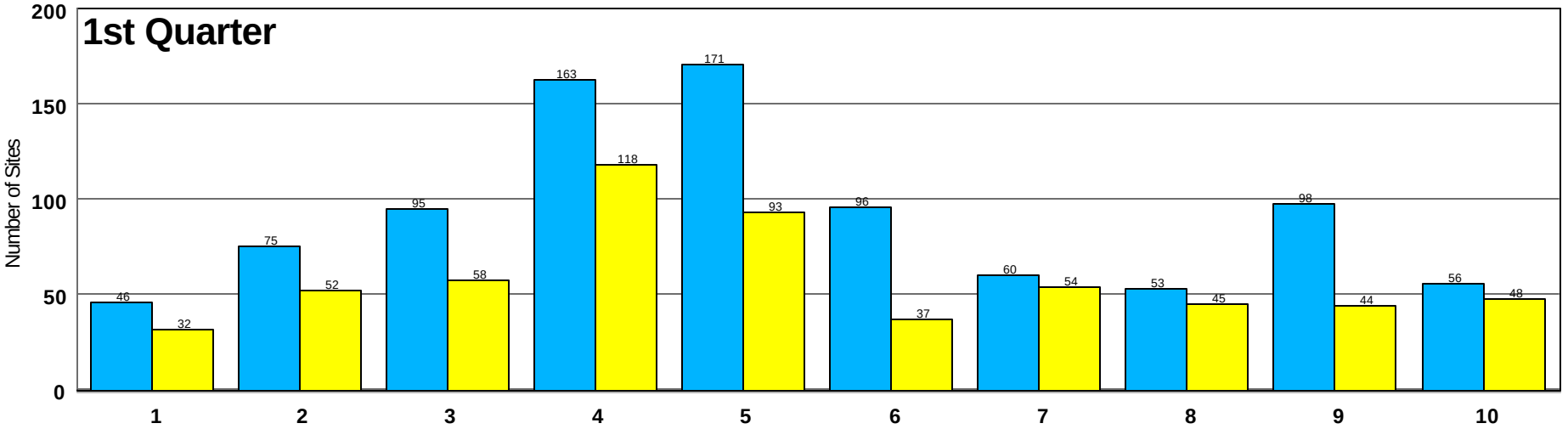


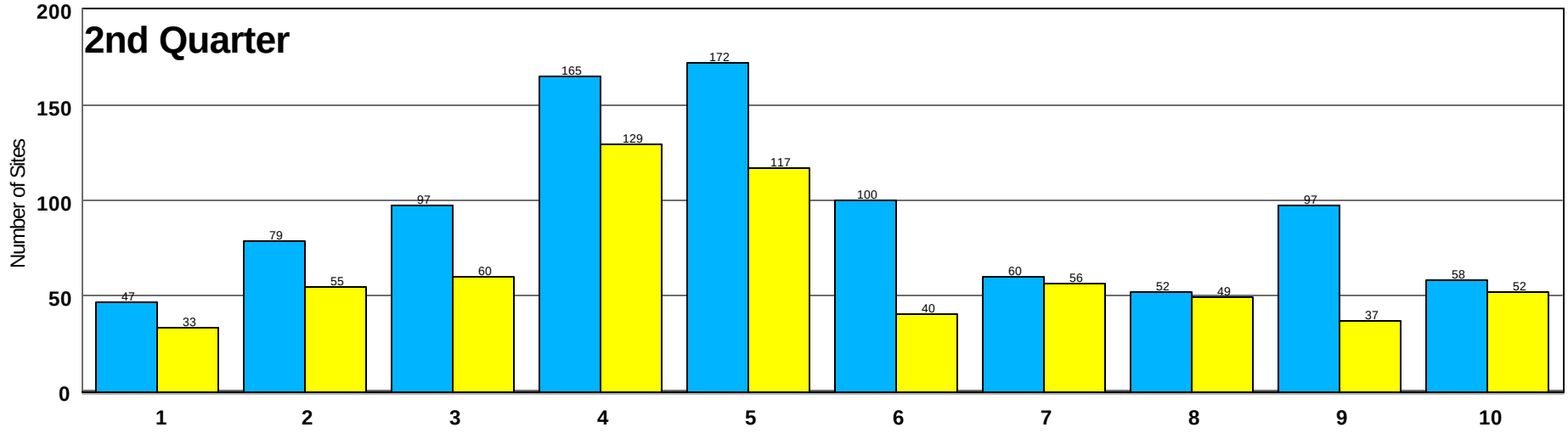
Currently, 376 sites (39% of total) have 4 quarters of Accuracy data

Completeness - Accuracy

Data Capture by Region, 2000 Qtr1-Qtr3

4/5/01 AIRS Extraction]





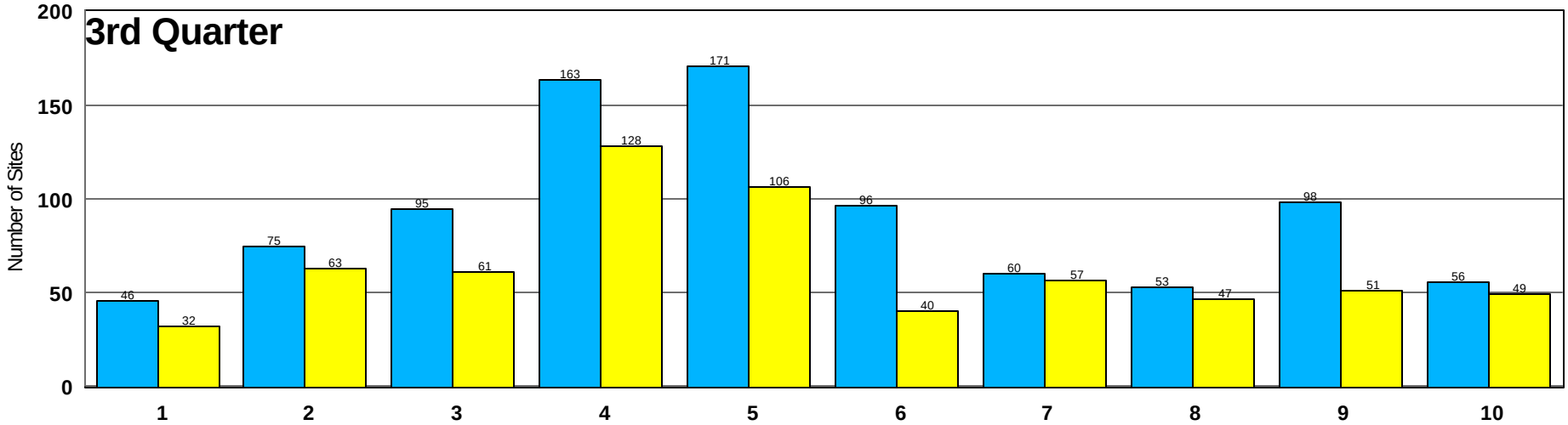
Goal (All FRM SLAMS Sites)

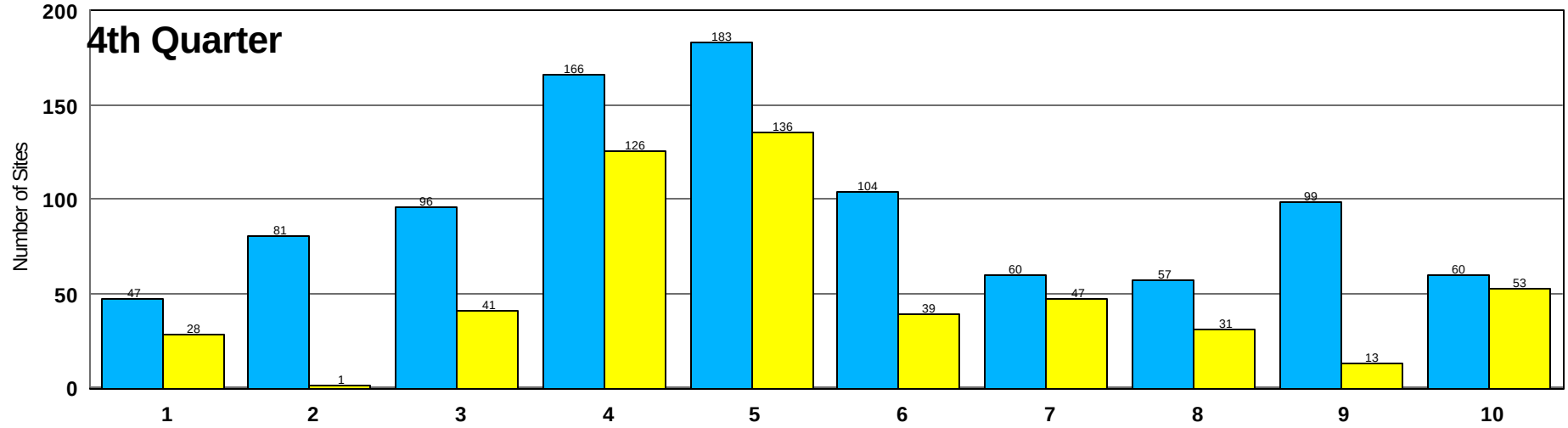
W/ Accuracy Data

Completeness - Accuracy

Data Capture by Region, 2000 Qtr1-Qtr3

4/5/01 AIRS Extraction]





# of sites w/ 4 Q's of Accuracy	1	2	3	4	5	6	7	8	9	10
	24	1	38	100	68	31	42	25	2	45

Goal (All FRM SLAMS Sites) | W/ Accuracy Data

Attachment IVC. Report on Anomalous Accuracy Data

What's Learned During PM2.5 FRM Accuracy 2000 Processing based on 4/4/01 extraction from AIRS

(1) All accuracy transactions were quickly reviewed for anomalies and none were found. All accuracy transactions have units liters/minute.