

AQS Ambient Monitoring Topics

AQS Conference

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Data Timeliness for 1Q 2008

- EPA tracks the data submittals on a quarterly basis for criteria pollutants and PM-2.5 parameters to indicate performance in data submittals to AQS
- Criteria monitoring data required to be submitted to AQS by 90 days after the end of the calendar quarter
- Continuous PM-2.5 and PM-2.5 speciation monitoring also included

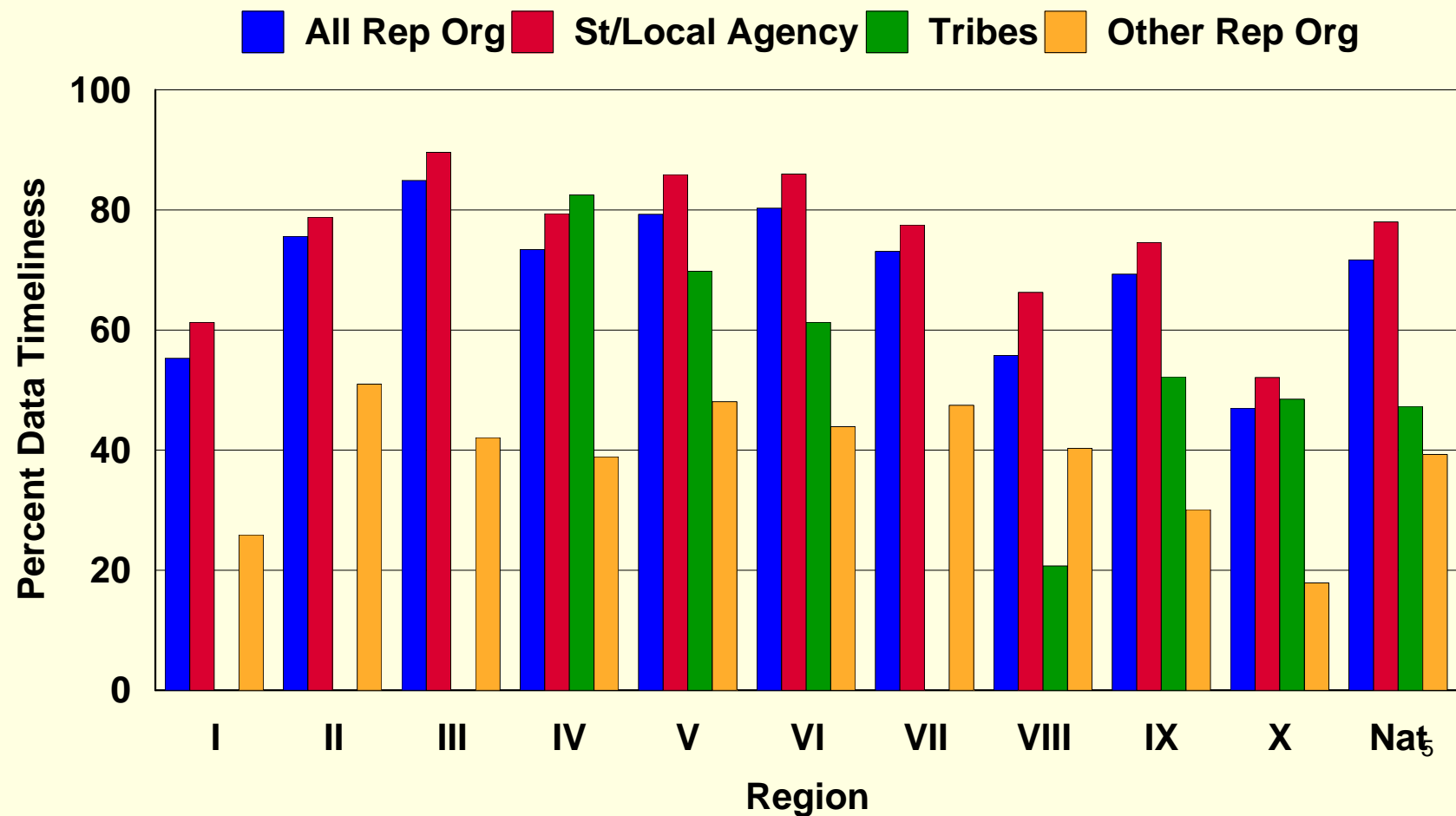
Data Timeliness

- Data timeliness definition means the percentage of all possible ambient concentrations readings that were submitted to AQS by the 90-day deadline
- Number of possible ambient concentrations reflects the declared monitoring schedule
- AMP430 report is used to retrieve the data

Data Timeliness

- Data timeliness statistics are presented by pollutant, reporting organization, State, Region, and national summary
- Statistics are calculated for:
 - All reporting organizations
 - State/local reporting organizations only
 - Tribal data
 - All other reporting organizations (i.e., industry, National Park Service, TVA, contractors, etc.)

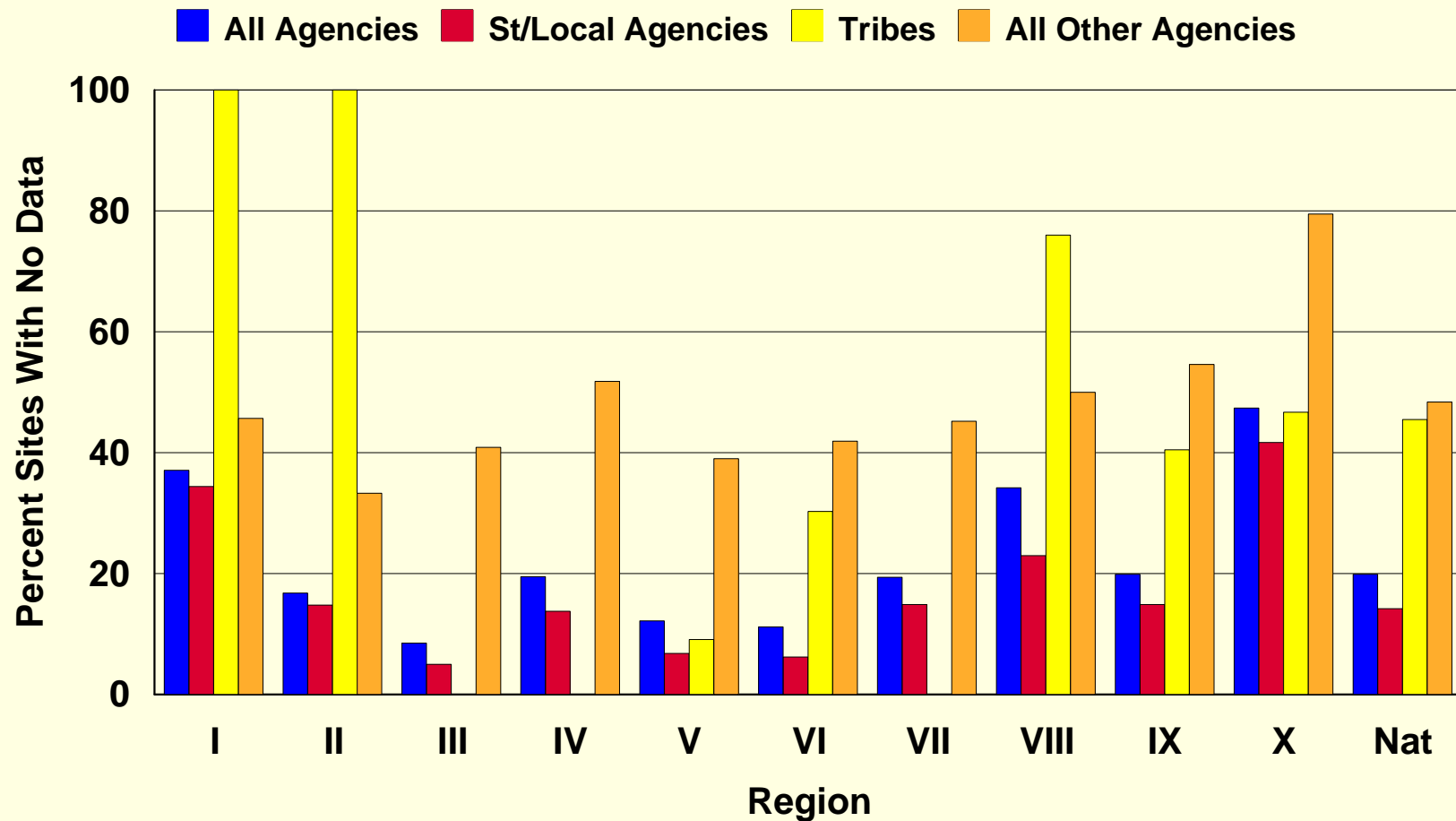
Percent Data Timeliness for All Agencies for 1Q 2008 (as of July 1, 2008)



DataTimeliness

- National data timeliness for all 5,814 monitors was 71.7 percent
- Regional data timeliness ranged from 47.0 percent to 84.9 percent
- State/local data timeliness for 4,833 monitors was 78.0 percent
- Tribal data timeliness for tribes 143 monitors was 47.4 percent
- Other reporting organization data timeliness for 838 monitors was 39.3 percent

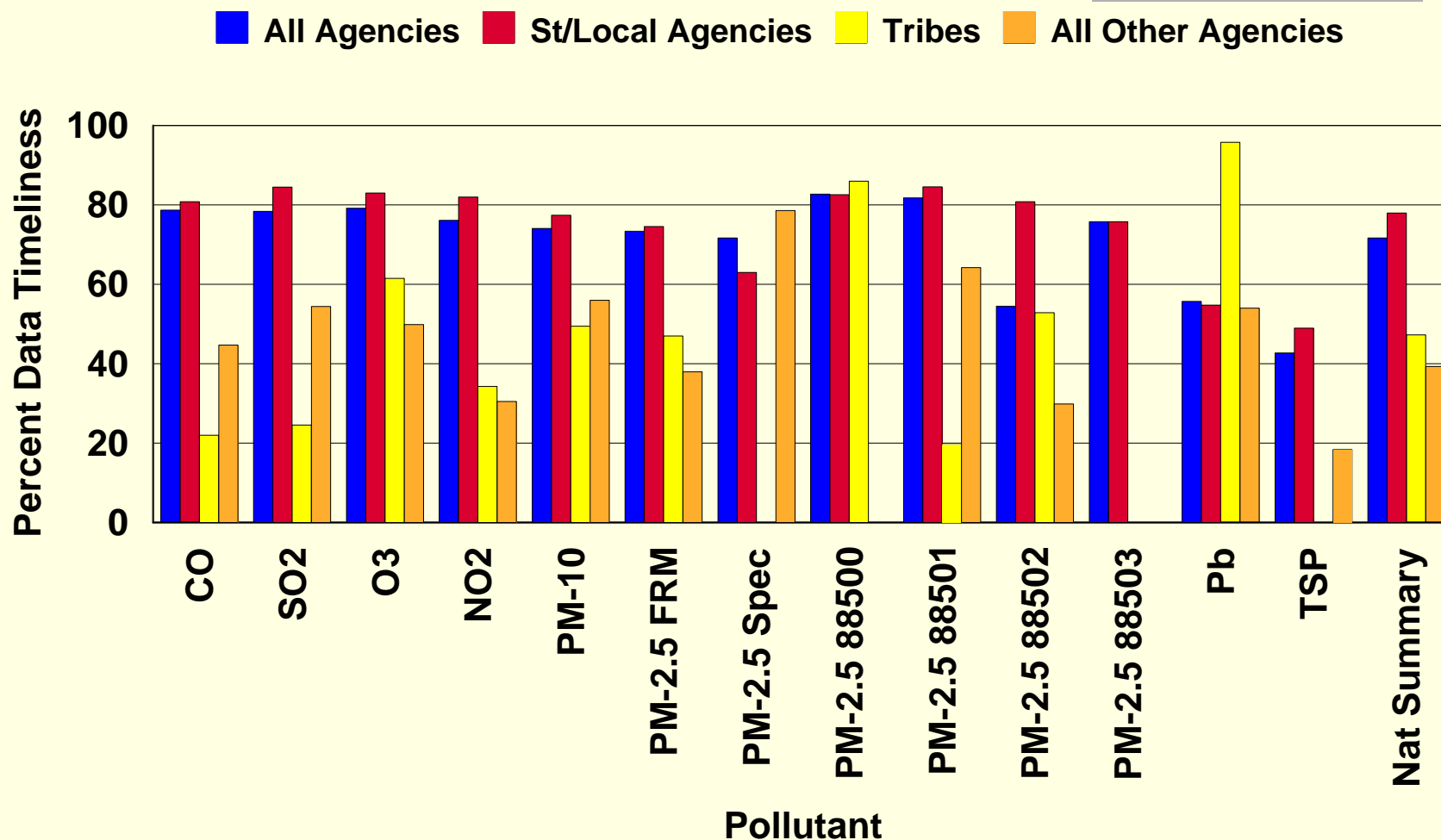
Percent of Sites With No Data for 1Q 2008 (as of July 1, 2008)



Percent of Sites With No Data for 1Q 2008

- 1,159 of 5,814 monitoring sites reported no data (19.9 percent) to AQS for 1Q 2008 as of July 1, 2008
- 688 of 4,833 monitoring sites reported no data (14.2 percent) to AQS for 1Q 2008 as of July 1, 2008 for State/local reporting organizations
- 65 of 143 monitoring sites reported no data (45.5 percent) to AQS for 1Q 2008 as of July 1, 2008 for tribal monitors
- 406 of 838 monitoring sites reported no data (48.4 percent) to AQS for 1Q 2008 as of July 1, 2008 for other agencies

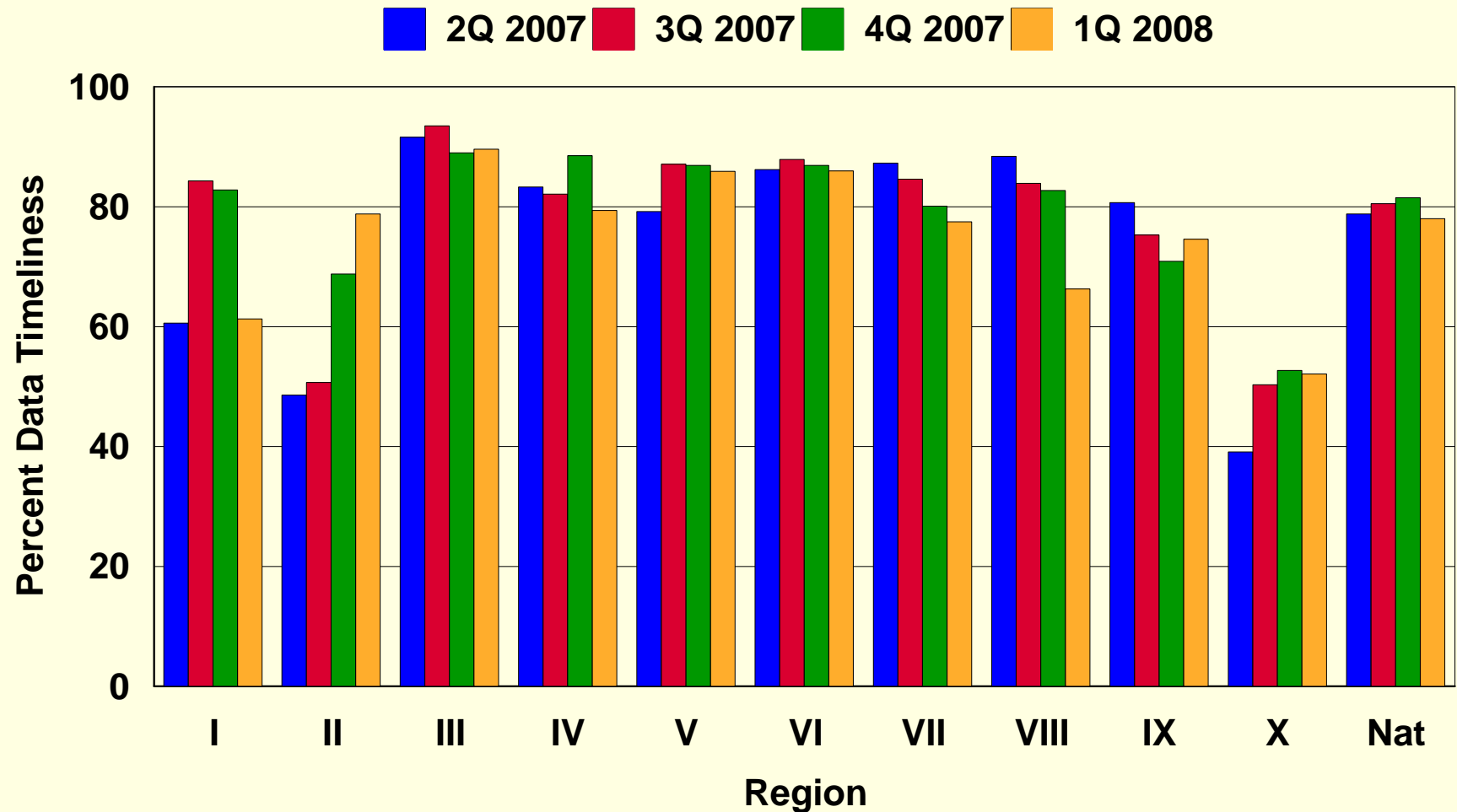
Percent Data Timeliness by Pollutant (as of July 1, 2008)



Percent Data Timeliness by Pollutant for 1Q 2008

- Percent data timeliness ranged from 42.7 percent for TSP to 82.7 percent for PM-2.5 (parameter 88501)
- For State/local agencies, PM-2.5 (parameter 88101), Pb, and TSP were all less than 75 percent
- For tribal data, only PM-2.5 (parameter 8500) and Pb were greater than 75 percent
- For other agencies only PM-2.5 (parameter 88101) was greater than 75 percent

Percent Data Timeliness for Previous 4 Quarters for State/local agencies



Percent Data Timeliness for Previous 4 Quarters for State/local Agencies

- Average data timeliness for 2nd, 3rd, 4th Q 2007 and 1st Q 2008 was 79.7 percent
- Data capture can be greatly increased by closing out discontinued monitors