

Table B1a				
Concentration Data Summary for Ozone (O₃) at Pittsburg-10th Street Station				
Year	Highest Concentration of O₃ (ppm)		Number of Days Exceeding Standards	
	1-Hour	8-Hour	State 1-Hour	State 8-Hour
2008	0.106	0.083	1	2
2009	-	-	-	-
2010	-	-	-	-

Table B1b				
Concentration Data Summary for Ozone (O₃) at Bethel Island Road Station				
Year	Highest Concentration of O₃ (ppm)		Number of Days Exceeding Standards	
	1-Hour	8-Hour	State 1-Hour	State 8-Hour
2008	0.109	0.090	4	10
2009	0.109	0.095	2	6
2010	0.106	0.087	3	7

Table B1c				
Concentration Data Summary for Ozone (O₃) at Concord Station				
Year	Highest Concentration of O₃ (ppm)		Number of Days Exceeding Standards	
	1-Hour	8-Hour	State 1-Hour	State 8-Hour
2008	0.119	0.089	3	8
2009	0.106	0.088	2	5
2010	0.103	0.087	2	4

The following applies to all tables in Appendix B:

Sources:

- California Environmental Protection Agency: Air Resources Board (ARB) website <http://www.arb.ca.gov/gaweb>
- U.S. EPA AirData website (<http://www.epa.gov/air/data/index.html>)

Notes:

- Pittsburg 10th Street station not active since 12/31/2008
- = Data not available
- ppm= parts per million
- SO₂ = sulfur dioxide
- NO₂ = nitrogen dioxide
- CO= carbon monoxide
- PM_{2.5} = particulate matter less than 2.5 microns in diameter

EPA Air Quality Standards:

- Sulfur Dioxide: 0.5 ppm (3-hour average), 0.14 ppm (24-hour average), 0.030 ppm (annual mean)
- Nitrogen Dioxide: 0.053 ppm (annual mean)
- Carbon Monoxide: 35 ppm (1-hour average), 9 ppm (8-hour average)
- µg/m³ = micrograms per cubic meter

Table B2a					
Concentration Data Summary for PM-10 at Pittsburg-10th St Station					
Year	Highest 24-Hour Concentration for PM-10 ($\mu\text{g}/\text{m}^3$)		Annual Arithmetic Mean for PM-10 ($\mu\text{g}/\text{m}^3$)	Number of Days Exceeding Standards	
	Federal	State		Federal 24-Hour	State 24-Hour
2008	73.6	72.7	-	-	2
2009	-	-	-	-	-
2010	-	-	-	-	-

Table B2b					
Concentration Data Summary for PM-10 at Bethel Island Road Station					
Year	Highest 24-Hour Concentration for PM-10 ($\mu\text{g}/\text{m}^3$)		Annual Arithmetic Mean for PM-10 ($\mu\text{g}/\text{m}^3$)	Number of Days Exceeding Standards	
	Federal	State		Federal 24-Hour	State 24-Hour
2008	78.2	77.0	24.1	0	3
2009	36.9	39.1	-	0	0
2010	69.1	69.6	18.7	0	1

Table B2c					
Concentration Data Summary for PM-10 at Concord Station					
Year	Highest 24-Hour Concentration for PM-10 ($\mu\text{g}/\text{m}^3$)		Annual Arithmetic Mean for PM-10 ($\mu\text{g}/\text{m}^3$)	Number of Days Exceeding Standards	
	Federal	State		Federal 24-Hour	State 24-Hour
2008	49.4	50.5	17.5	0	1
2009	31.0	32.5	14.7	0	0
2010	39.7	41.3	13.7	0	0

Table B3				
Concentration Data Summary for PM-2.5 Averages at Concord Station				
Year	Highest 24-Hour Concentration for PM-2.5 (µg/m³)		Annual Arithmetic Mean for PM-2.5 (µg/m³)	
	Federal	State	Federal	State
2008	60.3		9.3	9.5
2009	39.0		8.3	8.4
2010	36.4		7.0	7.1

Table B4a						
Concentration Data Summary of Carbon Monoxide (CO) at Pittsburg-10th St Station						
Year	Highest Concentration for CO (ppm)		Estimated Number of Days Exceeding Standards (days)			
	1-Hour	8-Hour	Federal 1-Hour	Federal 8-Hour	State 1-Hour	State 8-Hour
2008	2.8*	1.44	0*	0	0*	0
2009	-	-	-	-	-	-
2010	-	-	-	-	-	-

Table B4b						
Concentration Data Summary of Carbon Monoxide (CO) at Bethel Island Road Station						
Year	Highest Concentration for CO (ppm)		Estimated Number of Days Exceeding Standards (days)			
	1-Hour	8-Hour	Federal 1-Hour	Federal 8-Hour	State 1-Hour	State 8-Hour
2008	1.0*	1.11	0*	0	0*	0
2009	1.3^	0.94	-	0	-	0
2010	4.6^	0.83	-	0	-	0

Table B4c						
Concentration Data Summary of Carbon Monoxide (CO) at Concord Station						
Year	Highest Concentration for CO (ppm)		Estimated Number of Days Exceeding Standards (days)			
	1-Hour	8-Hour	Federal 1-Hour	Federal 8-Hour	State 1-Hour	State 8-Hour
2008	1.5*	1.13	0*	0	0*	0
2009	1.8^	1.09	-	0	-	0
2010	1.2^	0.94	-	0	-	0

Table B5a				
Concentration Data Summary of Nitrogen Dioxide (NO₂) at Pittsburg-10th St Station				
Year	Highest 1-Hour Concentration for NO₂ (ppm)	Annual Average for NO₂ (ppm)	Estimated Number of Days Exceeding Standards (days)	
			Federal	State
2008	0.056	0.010	0*	0*
2009	-	-	-	-
2010	-	-	-	-

Table B5b				
Concentration Data Summary of Nitrogen Dioxide (NO₂) at Bethel Island Road Station				
Year	Highest 1-Hour Concentration for NO₂ (ppm)	Annual Average for NO₂ (ppm)	Estimated Number of Days Exceeding Standards (days)	
			Federal	State
2008	0.041	0.007	0*	0*
2009	0.033	0.006	0*	0*
2010	0.032	0.006	0*	0*

Table B5c				
Concentration Data Summary of Nitrogen Dioxide (NO₂) at Concord Station				
Year	Highest 1-Hour Concentration for NO₂ (ppm)	Annual Average for NO₂ (ppm)	Estimated Number of Days Exceeding Standards (days)	
			Federal	State
2008	0.050	0.010	0*	0*
2009	0.040	0.009	0*	0*
2010	0.042	0.008	0*	0*

Table B6a									
Concentration Data Summary of Sulfur Dioxide (SO₂) at Pittsburg-10th St Station									
Year	Highest Concentration for SO ₂ (ppm)			Annual Average for SO ₂ (ppm)	Estimated Number of Days Exceeding Standards (days)				
	1-Hour	3-Hour	24-Hour		Federal 3- Hour	Federal 24-Hour	Federal Annual Mean	State 1-Hour	State 24-Hour
2008	0.023*	0.015*	0.006	0.001	0*	0*	0.001*	0*	0*
2009	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-

Table B6b									
Concentration Data Summary of Sulfur Dioxide (SO₂) at Bethel Island Road Station									
Year	Highest Concentration for SO ₂ (ppm)			Annual Average for SO ₂ (ppm)	Estimated Number of Days Exceeding Standards (days)				
	1-Hour	3-Hour	24-Hour		Federal 3- Hour	Federal 24-Hr	Federal Annual Mean	State 1-Hour	State 24-Hour
2008	0.012*	0.012*	0.004	0.001	0*	0*	0.002*	0*	0*
2009	0.009^	-	0.003	0.000	-	-	-	-	-
2010	0.019^	-	0.004	0.001	-	-	-	-	-

Table B6c									
Concentration Data Summary of Sulfur Dioxide (SO₂) at Concord Station									
Year	Highest Concentration for SO ₂ (ppm)			Annual Average for SO ₂ (ppm)	Estimated Number of Days Exceeding Standards (days)				
	1-Hour	3-Hour	24-Hour		Federal 3- Hour	Federal 24-Hour	Federal Annual Mean	State 1-Hour	State 24-Hour
2008	0.019*	0.012*	0.005	0.000	0*	0*	0.001*	0*	0*
2009	0.011^	-	0.003	0.000	-	-	-	-	-
2010	0.009^	-	0.002	0.000	-	-	-	-	-