

**Monthly Average PM<sub>2.5</sub> Concentrations Measured in the  
Port of Los Angeles Monitoring Network**

**February 2005 - March 2026**

Month	Port of Los Angeles Monitoring Sites			
	Wilmington Community Site	Coastal Boundary Site	San Pedro Community Site	Source- Dominated Site
	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Feb - 05	9.5	6.5	8.2	--
Mar - 05	9.3	7.5	5.7	--
Apr - 05	9.4	6.8	7.0	--
May - 05	11.1	8.9	8.5	11.9
Jun - 05	9.9	7.7	8.8	9.3
Jul - 05	15.7	12.0	12.8	14.2
Aug - 05	14.4	11.7	13.5	14.4
Sep - 05	14.6	11.4	12.7	15.5
Oct - 05	12.8	11.0	11.6	15.9
Nov - 05	16.8	14.3	13.9	19.6
Dec - 05	17.9	13.3	13.3	18.2
Jan - 06	12.9	11.1	11.0	14.2
Feb - 06	14.2	11.6	11.3	16.3
Mar - 06	5.7	3.7	5.3	7.2
Apr - 06	5.7	6.0	5.1	7.6
May - 06	11.7	10.5	10.6	14.4
Jun - 06	11.3	10.4	10.8	12.8
Jul - 06	14.4	11.1	12.9	17.0
Aug - 06	12.1	10.3	12.9	13.2
Sep - 06	13.6	10.3	13.1	13.9

Month	Port of Los Angeles Monitoring Sites			
	Wilmington Community Site	Coastal Boundary Site	San Pedro Community Site	Source-Dominated Site
	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Oct - 06	12.4	9.8	11.4	13.1
Nov - 06	16.8	12.5	13.4	17.1
Dec - 06	14.7	11.5	11.2	14.5
Jan - 07	15.7	9.7	10.2	14.2
Feb - 07	12.8	10.7	12.1	15.4
Mar - 07	11.2	8.7	10.3	11.5
Apr - 07	8.6	8.2	7.8	9.0
May - 07	10.9	9.4	9.8	10.3
Jun - 07	10.6	9.0	9.7	10.0
Jul - 07	12.7	9.5	9.9	9.7
Aug - 07	11.9	12.1	11.6	10.7
Sep - 07	10.6	7.8	10.2	10.7
Oct - 07	19.8	13.6	17.1	17.1
Nov - 07	23.9	15.2	16.0	17.4
Dec - 07	15.4	10.3	10.4	12.4
Jan - 08	9.1	7.3	7.9	9.7
Feb - 08	8.5	7.3	8.6	11.1
Mar - 08	9.3	9.0	8.8	10.4
Apr - 08	8.8	8.1	8.3	11.4
May - 08	8.2	7.1	9.6	9.2
Jun - 08	11.1	9.4	14.9	12.3
July - 08	12.0	11.2	13.5	13.0
Aug - 08	8.1	8.4	11.1	11.7

Month	Port of Los Angeles Monitoring Sites			
	Wilmington Community Site	Coastal Boundary Site	San Pedro Community Site	Source-Dominated Site
	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Sept - 08	8.7	9.3	13.6	12.4
Oct - 08	9.2	10.7	14.6	14.2
Nov - 08	6.5	11.4	14.5	13.7
Dec - 08	10.1	10.5	9.5	11.4
Jan - 09	13.9	11.9	14.0	16.2
Feb -09	6.3	4.8	6.2	7.0
Mar - 09	8.4	5.9	7.4	8.1
Apr -09	7.6	6.5	7.6	7.7
May - 09	9.1	7.5	9.0	9.3
Jun - 09	6.4	5.1	5.5	6.8
July - 09	8.3	6.7	8.7	8.7
Aug - 09	9.4	7.9	9.2	10.1
Sept - 09	8.8	7.0	8.8	9.3
Oct - 09	8.2	6.6	7.5	8.0
Nov - 09	10.3	9.5	11.7	12.6
Dec - 09	11.6	10.6	13.2	13.7
Jan - 10	8.9	8.5	11.0	12.1
Feb - 10	6.3	5.2	7.2	6.7
Mar - 10	5.5	4.9	5.9	6.5
Apr - 10	6.5	4.9	6.4	6.5
May - 10	5.7	5.0	5.3	5.6
June - 10	8.8	5.5	6.5	6.8
July - 10	8.5	5.6	6.9	7.1

Month	Port of Los Angeles Monitoring Sites			
	Wilmington Community Site	Coastal Boundary Site	San Pedro Community Site	Source-Dominated Site
	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Aug - 10	8.2	5.6	7.7	7.7
Sept - 10	9.6	6.3	8.0	8.2
Oct - 10	6.2	4.8	6.1	7.1
Nov - 10	8.3	5.8	6.8	6.8
Dec - 10	12.0	7.3	10.0	8.5
Jan - 11	10.7	8.7	11.3	9.2
Feb - 11	8.9	7.6	7.2	7.1
Mar - 11	6.8	6.4	6.2	5.4
Apr - 11	5.4	7.7	6.1	6.2
May - 11	8.5	7.1	5.9	5.7
June - 11	6.7	5.8	5.7	5.7
July - 11	9.0	6.1	7.5	7.0
Aug - 11	8.1	6.5	7.2	7.6
Sept - 11	9.3	7.7	8.1	8.5
Oct - 11	10.5	7.4	8.9	9.9
Nov - 11	10.8	7.9	9.3	10.6
Dec - 11	14.3	8.7	9.3	13.6
Jan - 12	12.1	8.3	5.8	11.6
Feb - 12	--	5.5	4.0	9.2
Mar - 12	5.1	5.1	5.4	4.5
Apr - 12	6.0	5.2	4.9	5.7
May - 12	8.3	6.5	5.9	6.3
June - 12	6.7	4.7	5.6	6.1

Month	Port of Los Angeles Monitoring Sites			
	Wilmington Community Site	Coastal Boundary Site	San Pedro Community Site	Source-Dominated Site
	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
July - 12	7.0	4.9	6.6	6.1
Aug - 12	6.8	5.7	6.7	6.4
Sept - 12	8.6	8.1	8.4	9.4
Oct - 12	5.7	6.4	5.4	8.1
Nov - 12	8.8	5.4	6.6	8.5
Dec - 12	7.0	6.7	7.7	11.7
Jan - 13	11.4	7.6	9.1	9.9
Feb - 13	7.8	6.8	6.7	7.2
Mar - 13	8.1	5.0	6.0	6.8
Apr - 13	6.9	4.6	4.9	5.4
May - 13	7.6	5.7	5.7	6.6
June - 13	5.9	3.9	4.5	5.6
July - 13	6.6	3.4	5.5	5.9
Aug - 13	6.9	4.4	6.4	--
Sep - 13	6.9	4.3	5.7	10.0
Oct - 13	10.0	6.1	8.1	11.5
Nov - 13	9.3	5.7	7.3	9.9
Dec -13	14.0	7.4	10.0	14.0
Jan - 14	18.7	10.0	14.2	14.5
Feb - 14	7.9	6.0	6.2	8.5
Mar - 14	8.2	4.2	14.1	12.0
Apr - 14	7.9	5.1	8.5	11.4
May - 14	6.6	5.6	9.6	8.1

Month	Port of Los Angeles Monitoring Sites			
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	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
June - 14	6.3	4.7	8.9	6.9
July - 14	6.7	6.9	7.8	6.5
Aug - 14	6.5	5.2	10.0	7.2
Sep - 14	6.9	5.3	10.1	7.8
Oct - 14	9.2	5.2	7.9	7.7
Nov - 14	11.0	7.3	9.0	7.9
Dec -14	9.9	5.6	7.1	6.2
Jan - 15	12.7	8.2	10.7	7.6
Feb - 15	12.0	--	9.7	7.4
Mar - 15	12.1	--	9.6	8.2
Apr - 15	12.7	4.7	9.5	9.8
May - 15	8.0	4.1	4.9	7.3
June - 15	8.7	5.0	5.3	5.3
July - 15	6.5	3.7	4.2	4.6
Aug - 15	12.2	5.8	7.3	7.1
Sep - 15	11.2	5.2	6.7	6.5
Oct - 15	8.9	5.7	6.9	6.2
Nov - 15	10.2	7.9	7.9	7.5
Dec - 15	8.8	--	6.8	6.2
Jan - 16	7.5	--	6.4	5.6
Feb - 16	8.3	--	7.1	7.6
Mar - 16	6.7	--	5.6	4.9
Apr - 16	6.1	--	4.9	7.3

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	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
May - 16	4.8	--	3.9	4.1
June - 16	8.1	--	7.8	7.5
July - 16	7.4	7.4	6.7	7.5
Aug - 16	7.6	6.4	6.7	9.1
Sep - 16	8.1	4.5	6.4	6.4
Oct - 16	6.7	4.4	5.5	5.6
Nov - 16	9.5	6.3	7.7	7.6
Dec - 16	8.5	4.8	7.2	5.5
Jan - 17	9.1	5.8	6.2	6.3
Feb - 17	4.6	2.7	3.9	4.5
Mar - 17	6.4	4.3	5.7	7.3
Apr - 17	6.6	4.5	5.5	7.8
May - 17	6.7	4.5	4.8	7.7
June - 17	6.0	3.8	4.8	7.2
July - 17	7.8	4.8	5.1	7.5
Aug - 17	9.7	5.7	7.9	8.3
Sep - 17	8.9	5.0	6.7	6.1
Oct - 17	11.1	7.6	8.1	7.4
Nov - 17	7.4	4.8	6.4	4.9
Dec - 17	18.8	8.2	10.4	9.9
Jan - 18	9.6	5.8	8.0	6.9
Feb - 18	9.6	5.6	4.7	6.3
Mar - 18	4.8	2.9	3.8	3.8

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	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Apr - 18	7.6	4.7	4.9	5.9
May - 18	5.8	3.3	4.3	4.0
June - 18	7.4	4.0	3.9	4.9
July - 18	8.2	3.9	5.9	5.1
Aug - 18	12.2	--	10.1	8.4
Sep - 18	8.5	5.0	6.2	6.0
Oct - 18	7.3	5.4	5.9	5.6
Nov - 18	13.5	6.4	9.1	7.8
Dec - 18	9.4	5.0	6.1	6.2
Jan - 19	7.1	4.4	4.6	5.2
Feb - 19	4.4	2.5	2.5	2.7
Mar - 19	5.2	2.9	3.6	3.8
Apr - 19	5.4	3.3	3.5	3.8
May - 19	5.5	3.3	3.6	3.7
June - 19	5.0	2.6	3.5	2.9
July - 19	7.3	4.8	5.9	5.1
Aug - 19	5.5	4.2	5.4	4.4
Sep - 19	6.0	4.1	4.9	4.5
Oct - 19	8.9	6.5	7.7	7.3
Nov - 19	9.2	6.0	8.1	6.8
Dec - 19	6.4	4.4	5.2	4.6
Jan - 20	10.1	5.8	6.4	6.0
Feb - 20	6.3	4.6	4.9	5.1

Month	Port of Los Angeles Monitoring Sites			
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	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Mar - 20	3.1	2.1	2.5	2.3
Apr - 20	3.7	3.0	3.7	4.0
May - 20	5.1	--	4.2	4.4
Jun - 20	4.4	--	3.7	3.7
Jul - 20	5.9	--	5.1	4.8
Aug - 20	6.2	--	5.7	5.7
Sep - 20	14.6	--	13.9	13.7
Oct - 20	10.8	--	11.8	11.6
Nov - 20	8.8	--	7.1	9.3
Dec - 20	10.7	--	8.2	9.5
Jan - 21	10.0	--	7.2	7.0
Feb - 21	6.5	--	4.8	5.6
Mar - 21	4.0	--	3.9	3.2
Apr - 21	6.2	--	4.4	7.0
May - 21	4.7	--	3.6	--
Jun - 21	4.3	--	3.2	--
Jul - 21	5.5	--	4.5	--
Aug - 21	7.0	--	7.1	--
Sep - 21	7.0	--	6.5	--
Oct - 21	6.5	--	5.9	--
Nov - 21	8.3	--	6.7	--
Dec - 21	7.5	--	4.1	--
Jan - 22	6.7	--	6.0	--

Month	Port of Los Angeles Monitoring Sites			
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	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Feb - 22	6.1	--	6.3	--
Mar - 22	5.7	--	4.8	--
Apr - 22	4.7	--	4.3	--
May - 22	5.2	6.6	4.3	4.6
Jun - 22	6.9	3.5	4.9	4.5
Jul - 22	9.8	3.7	5.6	5.3
Aug - 22	6.9	4.0	4.6	3.3
Sep - 22	7.4	4.5	5.2	4.6
Oct - 22	7.6	4.4	4.8	4.2
Nov - 22	9.7	5.1	6.2	5.5
Dec - 22	10.7	4.7	5.1	3.9
Jan - 23	5.4	3.7	4.3	3.8
Feb - 23	4.9	4.0	4.2	4.1
Mar - 23	3.9	2.6	3.3	3.7
Apr - 23	4.9	2.9	4.1	2.5
May - 23	3.4	3.1	2.5	2.4
Jun - 23	2.8	3.0	3.2	3.4
Jul - 23	6.6	5.3	7.0	5.4
Aug - 23	6.0	4.8	6.0	4.4
Sep-23	6.8	6.0	6.9	5.3
Oct-23	7.4	5.4	7.1	5.7
Nov-23	11.0	6.5	8.0	6.2
Dec-23	11.2	6.9	8.6	6.1

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	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Jan - 24	9.2	5.3	5.5	4.6
Feb - 24	4.3	2.7	3.1	2.4
Mar - 24	4.0	2.3	3.3	2.6
Apr - 24	5.6	3.6	4.9	4.1
May - 24	3.9	4.3	5.6	4.2
Jun - 24	3.2	5.1	5.2	4.1
Jul - 24	3.7	5.9	6.5	5.2
Aug - 24	7.3	3.8	6.3	4.9
Sep - 24	7.0	3.7	7.3	5.3
Oct - 24	7.8	4.0	6.4	5.5
Nov - 24	11.0	4.7	6.2	5.2
Dec - 24	12.2	7.0	8.2	6.7
Jan - 25	12.6	6.3	11.3	6.6
Feb - 25	6.3	2.9	5.0	3.9
Mar - 25	4.9	2.1	3.8	3.5
Apr - 25	5.8	2.5	5.3	4.0
May - 25	6.0	3.8	5.7	4.6
Jun - 25	5.5	3.3	4.6	3.9
Jul - 25	4.5	2.7	4.6	3.9
Aug - 25	7.1	3.7	6.7	5.6
Sep - 25	5.4	3.0	6.3	4.0
Oct - 25	4.9	4.6	6.5	4.0
Nov - 25	6.1	5.5	5.4	3.5
Dec - 25	10.3	6.8	7.6	5.0
Jan - 26	8.5	5.5	6.9	5.2

Month	Port of Los Angeles Monitoring Sites			
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	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Feb - 26	6.8	4.3	7.0	10.5
Mar - 26	5.9	5.5	5.6	4.9

Month	Port of Los Angeles Monitoring Sites			
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	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
<b>12 Month Averages</b>				
2005	12.9	10.1	10.5	14.9
2006	12.1	9.9	10.8	13.4
2007	13.7	10.4	11.3	12.4
2008	9.1	9.1	11.3	11.2
2009	9.1	7.5	9.2	9.8
2010	7.9	5.8	7.3	7.5
2011	8.6	7.3	7.6	7.9
2012	7.4	6.1	6.1	7.8
2013	8.5	5.4	6.6	8.0
2014	8.9	5.9	9.3	8.3
2015	10.3	5.4	7.5	7.0
2016	7.4	5.6	6.3	6.5
2017	8.4	5.1	6.3	7.1
2018	8.7	5.1	6.1	5.9
2019	6.3	4.1	4.9	4.6
2020	7.5	--	6.4	6.7
2021	6.1	--	4.6	--
2022	7.3	4.6	5.2	4.5
2023	6.2	4.5	5.4	4.5
2024	6.6	4.3	5.6	4.5
2025	6.7	4.0	6.1	4.4
2026	7.1	5.2	6.7	6.9

- Annual  $\text{PM}_{2.5}$  Federal standard 15  $\mu\text{g}/\text{m}^3$  until 12/14/12, when lowered to 12  $\mu\text{g}/\text{m}^3$ .
- Annual  $\text{PM}_{2.5}$  California standard is 12  $\mu\text{g}/\text{m}^3$ .
- $\text{PM}_{2.5}$  average for 2005 based on 11 months of data (Feb-Dec).
- $\text{PM}_{2.5}$  average for 2015 at Berth 47 is based on ~ 9 months of data due to a power outage and instrument issue.
- Monitoring at Coastal Boundary Station suspended April 25, 2020 to May 1, 2022.
- Monitoring at Source-Dominated Station suspended May 1, 2021 to May 1, 2022.
- Annual  $\text{PM}_{2.5}$  average for 2022 based on 12 months of data (Jan-December) for Wilmington and San Pedro Community stations.
- Annual  $\text{PM}_{2.5}$  average for 2022 based on 8 months of data (May-December) for Source-Dominated and San Pedro Community stations.
- Annual  $\text{PM}_{2.5}$  average for 2026 based on data from January - March 2026.

