

NAAQS Background Concentrations - Delaware

Criteria pollutant (Gas)	Averaging period	Data Type	Background Concentration (ppb)	Area	Data Source
NO2	1-Hour	3 Year Maximum	66.0	Statewide	AMP450 NO2 Only 2019-2021
	Annual	3 Year Maximum	10.3		
CO	8-Hour	3 Year Maximum	1.5	Statewide	AMP450 CO Only 2019-2021
	1-Hour	3 Year Maximum	1.9		
SO2	1-Hour	3 Year Maximum	22.0	New Castle	AMP450NC 1971 Annual Standard
	3-Hour	3 Year Maximum	2.7	Sussex and Kent	AMP450NC 1971 3-Hour Standard
	24-Hour	3 Year Maximum	4.3	New Castle	AMP450NC 1971 24-Hour Standard
		3 Year Maximum	0.5	Sussex and Kent	
	Annual	3 Year Maximum	0.52	New Castle	AMP450NC 1971 Annual Standard
		3 Year Maximum	0.12	Sussex and Kent	
Criteria pollutant (Particulates)	Averaging period	Data Type	Background Concentration (ug/m3)	Area	
PM10	24-Hour	3 Year Maximum	41.0	Statewide	AMP450NC PM10 Only 2019-2021
PM2.5	24-Hour	Design Value	19.0	New Castle	EPA "Guidance for Ozone and Fine Particulate Matter Permit Modeling" and Delaware Design Values
		Design Value	19.0	Sussex and Kent	EPA "Guidance for Ozone and Fine Particulate Matter Permit Modeling" and Delaware Design Values
	Annual	Design Value	7.8	New Castle	EPA "Guidance for Ozone and Fine Particulate Matter Permit Modeling" and Delaware Design Values
		Design Value	7.9	Sussex and Kent	EPA "Guidance for Ozone and Fine Particulate Matter Permit Modeling" and Delaware Design Values

Notes: Traditional rounding rules used.