

2017 NEW JERSEY AIR QUALITY INDEX (AQI) EXCEEDANCE DAYS
As of 2/22/2018

The AIR QUALITY INDEX (AQI) is a national index for rating daily air quality.

The higher the AQI value, the greater the level of air pollution and health concern.

An AQI value of 100 corresponds to the National Ambient Air Quality Standard (NAAQS) for a specific pollutant. For more information on the NAAQS see <https://www.epa.gov/criteria-air-pollutants/naaqs-table>.

AQI values from 101 to 150 are unhealthy for sensitive groups. For more information on the AQI see <https://airnow.gov/index.cfm?action=aqibasics.aqi>.

Pollutants

PM_{2.5} – Fine particulate matter
O₃ - Ozone

Units

µg/m³ – micrograms per cubic meter
ppm – parts per million

Rating

USG = Unhealthy for Sensitive Groups

AQI Days Over 100 in New Jersey in 2017

Day	Date	Monitor Location	Pollutant	Concentration	Units	AQI Rating	AQI Value
1	1/28/17	Camden Spruce St.	PM _{2.5}	36.2	µg/m ³	USG	103
2	2/1/17	Camden Spruce St.	PM _{2.5}	37.7	µg/m ³	USG	106
3	3/9/17	Camden Spruce St.	PM _{2.5}	40.6	µg/m ³	USG	114
4	4/11/17	Chester	O ₃	0.075	ppm	USG	115
		Flemington	O ₃	0.077	ppm	USG	122
		Ramapo	O ₃	0.074	ppm	USG	112
		Rutgers University	O ₃	0.071	ppm	USG	101
		Washington Crossing	O ₃	0.071	ppm	USG	101
5	5/17/17	Camden Spruce St.	O ₃	0.077	ppm	USG	122
		Chester	O ₃	0.072	ppm	USG	105
		Clarksboro	O ₃	0.071	ppm	USG	101
		Columbia	O ₃	0.071	ppm	USG	101
		Flemington	O ₃	0.072	ppm	USG	105
		Leonia	O ₃	0.074	ppm	USG	112
		Rider University	O ₃	0.077	ppm	USG	122
		Rutgers University	O ₃	0.080	ppm	USG	133
Washington Crossing	O ₃	0.073	ppm	USG	108		
6	5/18/17	Camden Spruce St.	O ₃	0.083	ppm	USG	143
		Clarksboro	O ₃	0.076	ppm	USG	119
		Flemington	O ₃	0.072	ppm	USG	105
		Leonia	O ₃	0.074	ppm	USG	112
		Rider University	O ₃	0.080	ppm	USG	133
		Rutgers University	O ₃	0.075	ppm	USG	115
		Washington Crossing	O ₃	0.071	ppm	USG	101

Continued

**AQI Days Over 100 in New Jersey in 2017
(continued)**

Day	Date	Monitor Location	Pollutant	Concentration	Units	AQI Rating	AQI Value
7	6/10/17	Camden Spruce St.	O ₃	0.076	ppm	USG	119
		Leonia	O ₃	0.074	ppm	USG	112
8	6/11/17	Camden Spruce St.	O ₃	0.071	ppm	USG	101
9	6/12/17	Bayonne	O ₃	0.074	ppm	USG	112
		Camden Spruce St.	O ₃	0.074	ppm	USG	112
		Chester	O ₃	0.072	ppm	USG	105
		Clarksboro	O ₃	0.073	ppm	USG	108
		Colliers Mills	O ₃	0.080	ppm	USG	133
		Flemington	O ₃	0.073	ppm	USG	108
		Leonia	O ₃	0.082	ppm	USG	140
		Monmouth University	O ₃	0.071	ppm	USG	101
		Newark Firehouse	O ₃	0.071	ppm	USG	101
Rutgers University	O ₃	0.072	ppm	USG	105		
10	6/13/17	Ancora	O ₃	0.071	ppm	USG	101
		Camden Spruce St.	O ₃	0.079	ppm	USG	129
		Clarksboro	O ₃	0.078	ppm	USG	126
		Colliers Mills	O ₃	0.079	ppm	USG	129
		Leonia	O ₃	0.074	ppm	USG	112
11	6/22/17	Camden Spruce St.	O ₃	0.076	ppm	USG	119
		Leonia	O ₃	0.071	ppm	USG	101
		Rider University	O ₃	0.076	ppm	USG	119
		Rutgers University	O ₃	0.076	ppm	USG	119
		Washington Crossing	O ₃	0.071	ppm	USG	101
12	6/30/17	Leonia	O ₃	0.079	ppm	USG	129
13	7/19/17	Camden Spruce St.	O ₃	0.072	ppm	USG	105
		Clarksboro	O ₃	0.076	ppm	USG	119
		Colliers Mills	O ₃	0.074	ppm	USG	112
14	7/20/17	Ancora	O ₃	0.073	ppm	USG	108
		Clarksboro	O ₃	0.071	ppm	USG	101
		Colliers Mills	O ₃	0.077	ppm	USG	122
15	7/22/17	Bayonne	O ₃	0.075	ppm	USG	115
		Camden Spruce St.	O ₃	0.076	ppm	USG	119
16	8/1/17	Bayonne	O ₃	0.072	ppm	USG	105
17	9/24/17	Rutgers University	O ₃	0.078	ppm	USG	126
18	12/4/17	Elizabeth Lab	PM _{2.5}	35.6	µg/m ³	USG	101
19	12/10/17	Camden Spruce St.	PM _{2.5}	44.2	µg/m ³	USG	122