

# U.S Pollution review Analysis

## Carbon Monoxide(CO)

## Ozone(O3)

## Sulphur Dioxide(SO2)

## Nitrogen Dioxide(NO2)

**State**

Select all

Arizona

Arkansas

California

Colorado

Connecticut

Country Of Mexico

District Of Columbia

01-01-2006

31-12-2010

**City**

Select all

Alexandria

Altoona

Annandale

Arden-Arcade

Athens

Baton Rouge

Beaver Falls

Beltsville

Benicia

Berkeley

Bethel Island

Boston

Bristol

Burbank

**County**

Select all

Ada

Adair

Adams

Alameda

Alexandr...

Allegheny

Aroostook

Athens

BAJA CA...

Baltimore

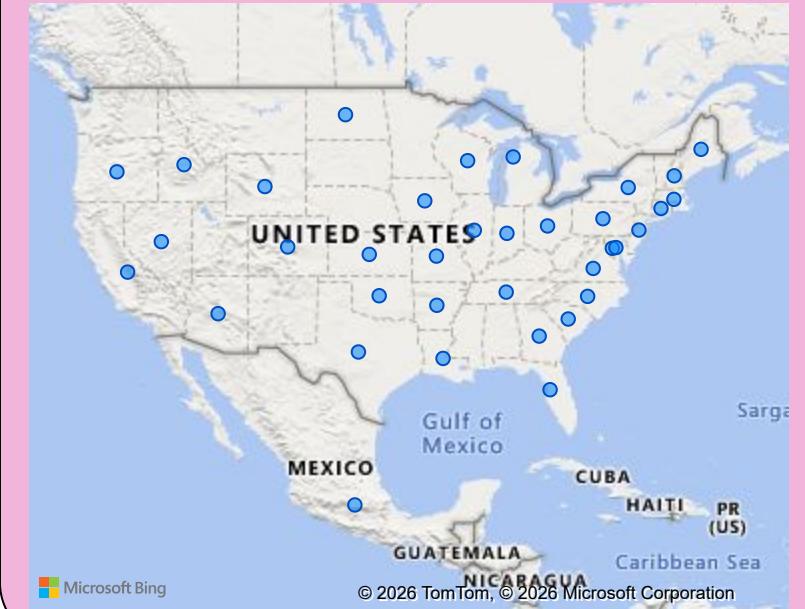
Beaver

Berks

Bexar

Blair

**State**



County Code County

1 Ada

1 Adair

1 Adams

1 Alameda

1 District of Columbia

1 Fairfield

2 BAJA CALIFORNIA NORTE

3 Allegheny

3 Aroostook

3 Hartford

5 Baltimore

5 Bronx

5 Cumberland

5 Litchfield

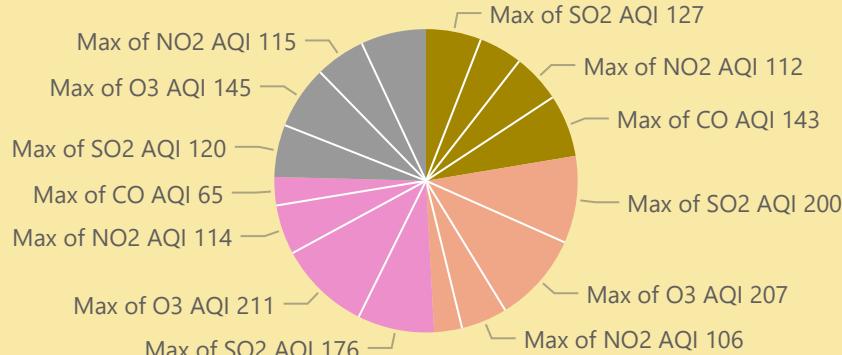
7 Beaver

7 Camden

9 Athens

9 Blount

## Quarter-Wise bifurcation of Pollutants



Date Local Quarter

Qtr 1

Qtr 2

Qtr 3

Qtr 4



•Top 10 states with highest CO pollutants

**California**  
588007  
CO AQI

**Arizona**  
113088  
CO AQI

**Pennsylvania**  
91018  
CO AQI

**Texas**  
68696  
CO AQI

**Country Of Mexico**  
66380  
CO AQI

**Illinois**  
51121  
CO AQI

**District Of Columbia**  
50622  
CO AQI

**Colorado**  
38246

**23**

**Max of CO 1st Max Hour**

**16.50**

**Max of CO 1st Max Value**

**520.11K**

**Count of CO Units**

**Mexicali**

**150**  
**Max of CO AQI**

**State Code**

**CO AQI**

80 150

6 106

48 65

33 64

11 45

4 43

8 39

22 39

42 38

17 34

24 33

29 32

36 32

5 31

41 31

37 30

20 27

55 27

34 25

40 25

18 24

25 24

51 23

23 20

**Total** 150

**Max CO in each State**

Country ...	150
California	106
Texas	65
New Ha...	64
District O...	45
Arizona	43
Colorado	39
Louisiana	39
Pennsylv...	38
Illinois	34
Maryland	33
Missouri	32
New York	32
Arkansas	31
Oregon	31
North Ca...	30
Kansas	27
Wisconsin	27
New Jersey	25
Oklahoma	25
Indiana	24
Massach...	24
Virginia	23

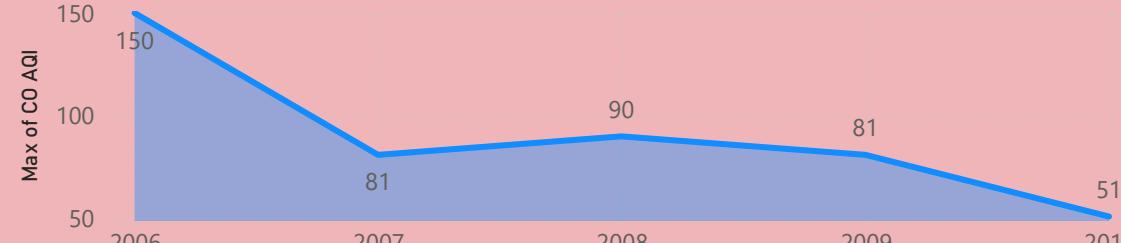
**State**

0 100  
Max of CO AQI

**Sum of CO 1st Max Value by City**



**Max of CO AQI by Year**



01-01-2006 31-12-2010

- State
- Select all
  - Arizona
  - Arkansas
  - California
  - Colorado
  - Connecticut
  - Country Of ...
  - District Of C...
  - Florida
  - Georgia
  - Idaho
  - Illinois
  - Indiana

23

Max of O3 1st Max Hour

0.14

Max of O3 1st Max Value

520.11K

Count of O3 Units

Mexicali

211

Max of O3 AQI

State

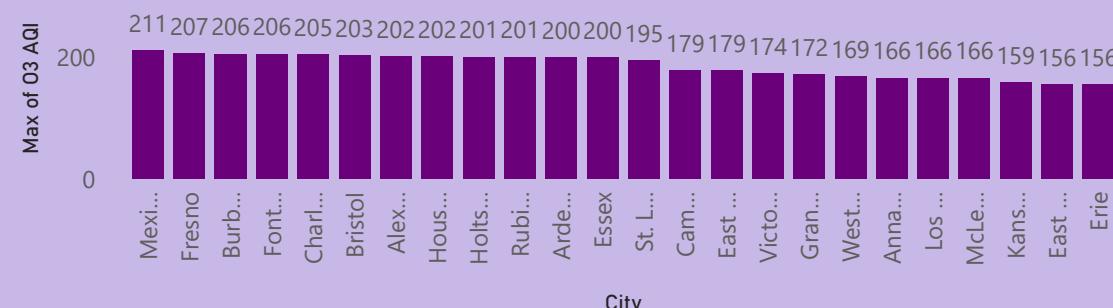
- Select all
- Arizona
- Arkansas

State Code

Max of O3 AQI

80	211
6	207
37	205
42	203
48	202
51	202
36	201
24	200
29	195
9	179
34	179
26	172
20	159
17	156
40	156
11	151
22	150
39	137
4	135
45	135
12	132
8	127
33	127
5	124
Total	211

Max of O3 AQI by City

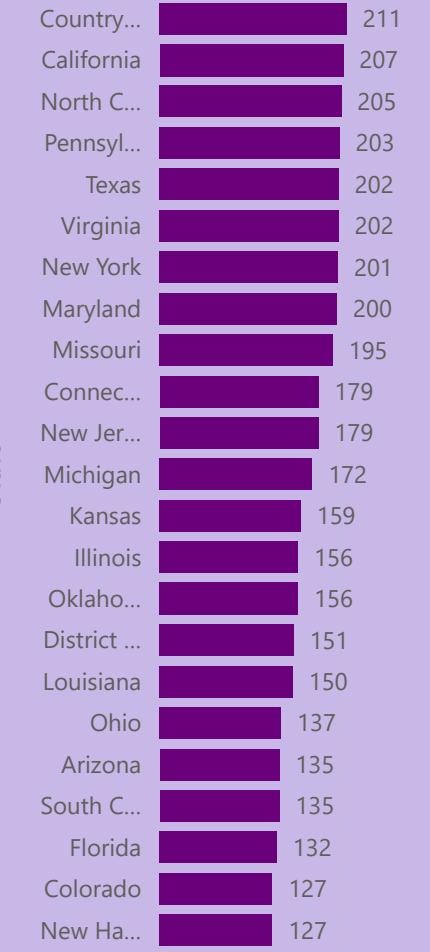


Max of O3 AQI by Year



01-01-2006 31-12-2010

Max O3 in each State



• Top 10 states with highest O3 pollutants

California  
6354584  
O3 AQI

Connecticut  
392293  
O3 AQI

Country Of Mexico  
242458  
O3 AQI

Maryland  
288604  
O3 AQI

Missouri  
109048  
O3 AQI

New Jersey  
141459  
O3 AQI

New York  
917510  
O3 AQI

North Carolina  
562860

23

Max of SO2 1st Max Hour

351.00

Max of SO2 1st Max Value

520.11K

Count of SO2 Units

Park Hill

200

Max of SO2 AQI

State

- Select all
- Arizona
- Arkansas

• Top 10 states with highest SO2 pollutants

California

312701

SO2 AQI

Colorado

52293

SO2 AQI

Country Of Mexico

23976

SO2 AQI

Maryland

55184

SO2 AQI

New Hampshire

19259

SO2 AQI

North Carolina

72786

SO2 AQI

Ohio

12932

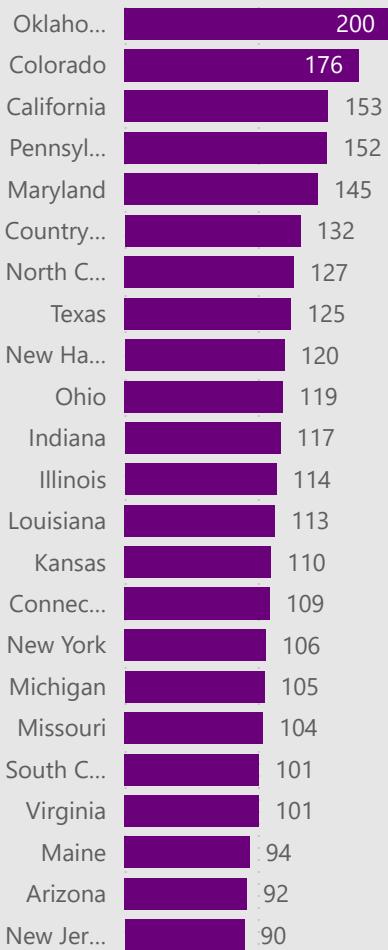
SO2 AQI

Oklahoma

14599

State Code	Max of SO2 AQI
40	200
8	176
6	153
42	152
24	145
80	132
37	127
48	125
33	120
39	119
18	117
17	114
22	113
20	110
9	109
36	106
26	105
29	104
45	101
51	101
23	94
4	92
34	90
11	89
Total	200

## Max SO2 in each State



## Max of SO2 AQI by City



## Max of SO2 AQI by Year



01-01-2006 [calendar] 31-12-2010 [calendar]

•Top 10 states with highest NO<sub>2</sub> pollutants

California

110

NO<sub>2</sub> AQI

Colorado

114

NO<sub>2</sub> AQI

Connecticut

100

NO<sub>2</sub> AQI

Country Of Mexico

115

NO<sub>2</sub> AQI

District Of Columbia

104

NO<sub>2</sub> AQI

Illinois

107

NO<sub>2</sub> AQI

Louisiana

111

NO<sub>2</sub> AQI

New York

23

Max of NO<sub>2</sub> 1st Max Hour

176

Max of NO<sub>2</sub> 1st Max Value

520.11K

Count of NO<sub>2</sub> Units

Tijuana

115

Max of NO<sub>2</sub> AQI

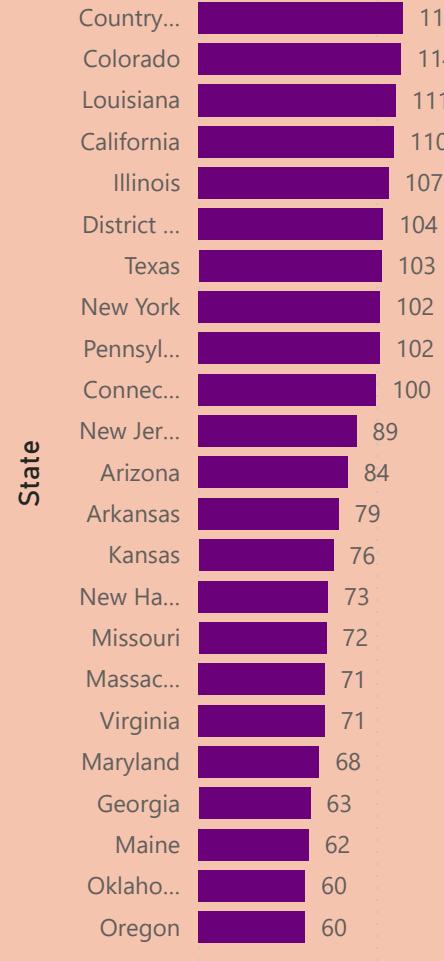
State

- Select all
- Arizona
- Arkansas

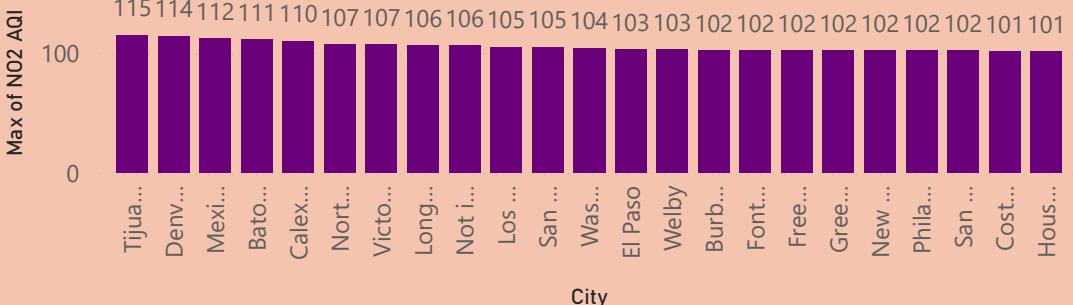
State Code Max of NO<sub>2</sub> AQI

State Code	Max of NO <sub>2</sub> AQI
80	115
8	114
22	111
6	110
17	107
11	104
48	103
36	102
42	102
9	100
34	89
4	84
5	79
20	76
33	73
29	72
25	71
51	71
24	68
13	63
23	62
40	60
41	60
39	58
Total	115

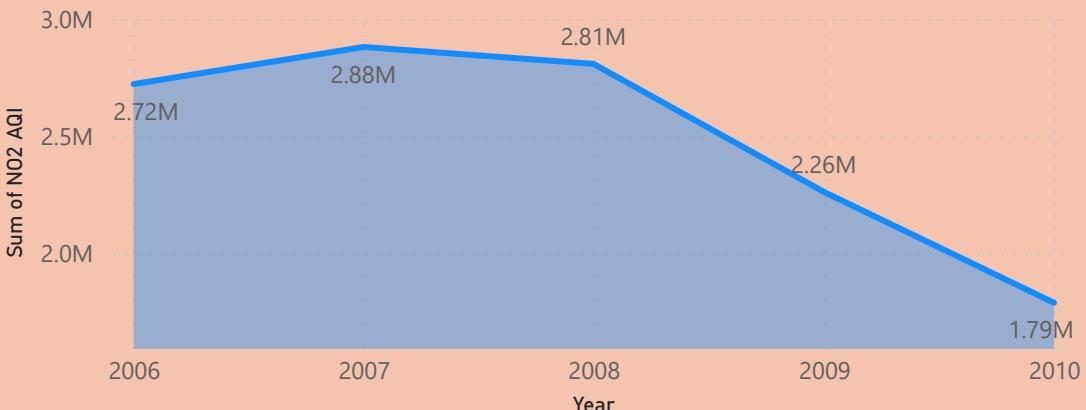
Max NO<sub>2</sub> in each State



Max of NO<sub>2</sub> AQI by City



Sum of NO<sub>2</sub> AQI by Year



01-01-2006

31-12-2010