

Diagram Documentation

Link to schema: <https://app.quickdatabasediagrams.com/#/d/c4neS7>

air_pollution

annual_aqi_by_county

Field	Description	Type	Default	Other
Year		int		PK, FK
State		varchar(255)		PK, FK
County		varchar(255)		PK, FK
Days With AQI		int		
Good Days		int		
Moderate Days		int		
Unhealthy for Sensitive Groups Days		int		
Unhealthy Days		int		
Very Unhealthy Days		int		
Hazardous Days		int		
Max AQI		int		
90th Percentile AQI		int		
Median AQI		int		
Days CO		int		
Days NO2		int		
Days Ozone		int		
Days PM2.5		int		
Days PM10		int		

annual_conc_by_monitor_3

Field	Description	Type	Default	Other
State Code	"Index" PK	varchar(50)		
County Code		varchar(50)		
Site Num		varchar(50)		
Parameter Code		varchar(50)		
POC		varchar(50)		
Latitude		float		
Longitude		float		
Datum		varchar(50)		
Parameter Name		varchar(255)		
Sample Duration		varchar(255)		
Pollutant Standard		varchar(255)		

Field	Description	Type	Default	Other
Metric Used		varchar(255)		
Method Name		varchar(255)		
Year		int		FK
State Name		varchar(255)		FK
County Name		varchar(255)		FK
Units of Measure		varchar(255)		
Event Type		varchar(50)		
Observation Count		int		
Observation Percent		int		
Completeness Indicator		varchar(10)		
Valid Day Count		int		
Required Day Count		int		
Exceptional Data Count		int		
Null Data Count		int		
Primary Exceedance Count		varchar(10)		
Secondary Exceedance Count		varchar(10)		
Certification Indicator		varchar(50)		
Num Obs Below MDL		int		
Arithmetic Mean		float		
Arithmetic Standard Dev		float		
1st Max Value		varchar(50)		
1st Max DateTime		timestamp		
2nd Max Value		varchar(50)		
2nd Max DateTime		timestamp		
3rd Max Value		varchar(50)		
3rd Max DateTime		timestamp		
4th Max Value		varchar(50)		
4th Max DateTime		timestamp		
99th Percentile		varchar(50)		
98th Percentile		varchar(50)		
95th Percentile		varchar(50)		
90th Percentile		varchar(50)		
75th Percentile		varchar(50)		
50th Percentile		varchar(50)		
10th Percentile		varchar(50)		
Local Site Name		varchar(255)		

Field	Description	Type	Default	Other
Address		varchar(255)		
City Name		varchar(255)		
CBSA Name		varchar(255)		

farm_count_2

Field	Description	Type	Default	Other
Year		int		PK, FK
State		varchar(255)		PK, FK
County		varchar(255)		PK, FK
State Code		VARCHAR(50)		
County Code		VARCHAR(50)		
State County Code		VARCHAR(50)		
Farm Count		varchar(255)		