ENVIRONMENTAL PUBLIC HEALTH TRACKING
MODELED AIR QUALITY DATA TABLE

Characteristic	Description
Data Sources	US EPA – Downscaler and AQS data
Purpose	To calculate air quality indicators for use on the EPHTN public portal
Restrictions	This is a public use dataset.

Iowa Modeled Air Quality Data Dictionary (4/17/2015)

MODELED AIR QUALITY DATA DICTIONARY FOR DATA TABLE Environmental Public Health Tracking					
Field Name	**Field Description**	**Data Type***	**Code Scheme**	**Legal Values**	**Field Length**
ID	Unique Identifier auto assigned by Battelle	BigInt		0 – 9999999999	8
MeasureId	The Identifier that distinguishes the measure calculations being performed	Int	292=M00292 293=M00293 294=M00294 295=M00295 296=M00296	292 to 296	3
CountyFips	County FIPS code	Int	nnnn - nnnnn	FIPS Code, NULL	5
ReportYear	Data Report Year	SmallInt	nnnn	2001 to 2011	4
Cases	Counts associated to the measure	Bigint	n - nnnnnnnnnn	n – nnnnnnnnnn, null	8
Rate	Rate or percent	Float	nn.nnnnnn	nn.nnnnnn, null	8
ModeledFlag	Indicates if the data was modeled or not	Bit	0 = not modeled, 1 = modeled	0, 1, null	1

Iowa Modeled Air Quality Data Dictionary (4/17/2015)

Measure Id	Measure Number	Name
292	M00292	Number of days with maximum 8-hour average ozone concentration over the National Ambient Air Quality Standard (monitor and modeled data)
293	M00293	Number of person-days with maximum 8-hour average ozone concentration over the National Ambient Air Quality Standard (monitor and modeled data)
294	M00294	Percent of days with PM2.5 levels over the National Ambient Air Quality Standard (monitor and modeled data)
295	M00295	Number of person-days with PM2.5 over the National Ambient Air Quality Standard (monitor and modeled data)
296	M00296	Annual average ambient concentrations of PM 2.5 in micrograms per cubic meter, based on seasonal averages and daily measurement (monitor and modeled data)