

**ENVIRONMENTAL PUBLIC HEALTH TRACKING
MONITORED AIR QUALITY DATA TABLE**

Characteristic	Description
Data Sources	US EPA – AQS data
Purpose	To calculate air quality indicators for use on the EPHTN public portal. This data dictionary represents the layout of the source AQS data downloaded by IDPH for use on the IPHT Portal. Not all data elements are utilized.
Restrictions	This is a public use dataset.

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

MONITORED PM 2.5 AIR QUALITY DATA DICTIONARY FOR DATA TABLE Environmental Public Health Tracking					
Field Name	Field Description	Data Type*	Code Scheme	Legal Values	Field Length
Date	Date Observation	Date	MMDDYY10.		8
AQS_SITE_ID	Monitor Site Identifier	Character	\$CHAR11.		11
POC	Monitor Instrument Identifier	Numeric	BEST1.		8
Daily Mean PM2.5 Concentration	Measured Value	Numeric	BEST4.		8
UNITS	Units of Measured Value	Character	\$CHAR8.	ug/m3 LC	8
DAILY_AQI_VA LUE	Air Quality Index Calculated Value	Numeric	BEST6.		8
DAILY_OBS_CO UNT	Number of Observations in Day	Numeric	BEST1.		8
PERCENT_COM PLETE	Percent of Possible Observations made in Day	Numeric	BEST8.		8
AQS_PARAMET ER_CODE	Air Quality System Parameter Code	Numeric	BEST5.		8

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

MONITORED PM 2.5 AIR QUALITY DATA DICTIONARY FOR DATA TABLE Environmental Public Health Tracking					
Field Name	Field Description	Data Type*	Code Scheme	Legal Values	Field Length
AQS_PARAMETER_DESC	Air Quality System Parameter Label	Character	\$CHAR24.	PM2.5 - Local Conditions	38
CSA_CODE	Combined Statistical Area Code	Numeric	BEST3.		8
CSA_NAME	Combined Statistical Area Name	Character	\$CHAR35.		35
CBSA_CODE	Core Based Statistical Area Code	Numeric	BEST5.		8
CBSA_NAME	Core Based Statistical Area Name	Character	\$CHAR35.		35
STATE_CODE	State FIPS Code	Numeric	BEST2.	19	8
STATE	State Name	Character	\$CHAR4.	Iowa	4

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

MONITORED PM 2.5 AIR QUALITY DATA DICTIONARY FOR DATA TABLE Environmental Public Health Tracking					
Field Name	Field Description	Data Type*	Code Scheme	Legal Values	Field Length
COUNTY_CODE	County FIPS Code	Numeric	BEST3.		8
COUNTY	County Name	Character	\$CHAR13.		13
SITE_LATITUDE	Monitor Site Latitude	Numeric	BEST9.		8
SITE_LONGITUDE	Monitor Site Longitude	Numeric	BEST10.		8

MONITORED OZONE AIR QUALITY DATA DICTIONARY FOR DATA TABLE Environmental Public Health Tracking					
Field Name	Field Description	Data Type*	Code Scheme	Legal Values	Field Length
Date	Date Observation	Date	MMDDYY10.		8
AQS_SITE_ID	Monitor Site Identifier	Character	\$CHAR11.		11
POC	Monitor Instrument Identifier	Numeric	BEST1.		8

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

MONITORED OZONE AIR QUALITY DATA DICTIONARY FOR DATA TABLE Environmental Public Health Tracking					
Field Name	Field Description	Data Type*	Code Scheme	Legal Values	Field Length
Daily Max 8-hour Ozone Concentration	Measured Value	Numeric	BEST7.		8
UNITS	Units of Measured Value	Character	\$CHAR8.	ppm	8
DAILY_AQI_VALUE	Air Quality Index Calculated Value	Numeric	BEST6.		8
DAILY_OBS_COUNT	Number of Observations in Day	Numeric	BEST1.		8
PERCENT_COMPLETE	Percent of Possible Observations made in Day	Numeric	BEST8.		8
AQS_PARAMETER_CODE	Air Quality System Parameter Code	Numeric	BEST5.		8
AQS_PARAMETER_DESC	Air Quality System Parameter Label	Character	\$CHAR24.	PM2.5 - Local Conditions	38

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

MONITORED OZONE AIR QUALITY DATA DICTIONARY FOR DATA TABLE Environmental Public Health Tracking					
Field Name	Field Description	Data Type*	Code Scheme	Legal Values	Field Length
CSA_CODE	Combined Statistical Area Code	Numeric	BEST3.		8
CSA_NAME	Combined Statistical Area Name	Character	\$CHAR35.		35
CBSA_CODE	Core Based Statistical Area Code	Numeric	BEST5.		8
CBSA_NAME	Core Based Statistical Area Name	Character	\$CHAR35.		35
STATE_CODE	State FIPS Code	Numeric	BEST2.	19	8
STATE	State Name	Character	\$CHAR4.	Iowa	4
COUNTY_CODE	County FIPS Code	Numeric	BEST3.		8

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

MONITORED OZONE AIR QUALITY DATA DICTIONARY FOR DATA TABLE Environmental Public Health Tracking					
Field Name	Field Description	Data Type*	Code Scheme	Legal Values	Field Length
COUNTY	County Name	Character	\$CHAR13.		13
SITE_LATITUDE	Monitor Site Latitude	Numeric	BEST9.		8
SITE_LONGITUDE	Monitor Site Longitude	Numeric	BEST10.		8