

2002-2009 CATHAGEN Study Restricted Data Dictionary		
Variable name	Variable description	Values
RAND_ID	An ID generated to identify each individual for this data transfer	1 - 5679
gt_fused_pm	Avg PM2.5 concentration (ug/m3) for the year prior to cath visit - from Georgia Tech downscaler model	8.29143 - 17.3157
avgpm_aqs_nov	Avg PM2.5 concentration (ug/m3) for the year prior to cath visit - from monitored data	6.55517 - 16.036
avgpm_cmaq_epa_new	Avg PM2.5 concentration (ug/m3) for the year prior to cath visit - from EPA CMAQ data	6.7913 - 19.5583
avgpm	Avg PM2.5 concentration (ug/m3) for the year prior to cath visit - at 10km resolution from a satellite (AOD) data model	8.56807 - 14.3531
pm_1kmhybrid_v2	Avg PM2.5 concentration (ug/m3) for the year prior to cath visit - at 1km resolution from a satellite (AOD) data model	6.91905 - 16.5013
age	Age of individual at examination (years)	20 years - 93 years
race	Self-reported race	1 = White 2 = Black 3 = Native American 4 = Other
sex	Self-reported sex	0 = Male 1 = Female
cadindex	Ordinal indicator of severity of coronary artery disease see citation for full details (Clinical Determinants of Mortality in Patients With Angiographically Diagnosed Ischemic or Nonischemic Cardiomyopathy; https://doi.org/10.1016/S0735-1097(97)00235-0)	0 - 100 Blank = Missing
bmi	Body mass index (kg/ m2)	10.6292 - 83.1025 Blank = Missing
smk_pred	Smoking status	0 = Non-smoker 1 = Smoker
mi_ever	Has the individual ever had a MI	0 = No 1 = Yes
hdl	HDL cholesterol (mg/dL)	5 - 165 Blank = Missing
ldl	LDL cholesterol (mg/dL)	1 - 385 Blank = Missing
sysbp	Systolic blood pressure (mmHg)	47 - 259 Blank = Missing
diasbp	Diastolic blood pressure (mmHg)	5 - 157 Blank = Missing
totchol	Total cholesterol (mg/dL)	14 - 750 Blank = Missing
trigly	Triglycerides (mg/dL)	1 - 3136 Blank = Missing

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mi_index_cath	MI within 1 week of catheterization	0 = No 1 = Yes
cad_bin	CAD index > 23	0 = No 1 = Yes Blank = Missing
med_home_value	Median home value according to 2000 Census (\$)	0 - 824600 Blank = Missing
pct_urban_2000	Percent urbanicity according to 2000 Census (census block group)	0 - 100
pct_lessthanhs_census	Percent of individuals in 2000 census block group with < high school education	0 - 65.93
med_house_income_census	Median house income according to 2000 Census (\$)	4545 - 162716
year	Year of catheterization	2002 - 2009
dm_pred	Diabetes (type 1 or type 2) indicator	0 = No 1 = Yes
bppred	History of hypertension indicator	0 = No 1 = Yes
dist_aqs_novft2	Distance from AQS monitor (PM) to participant (in feet)	326.931 - 533045
ozone_aqs_aiproct_ppb	Avg ozone level for the year prior to cath visit - from monitored data (ppb)	37.5 - 62.6845