Codebook for heartattact

Autogenerated data summary from dataMaid

2020-10-29 22:28:02

Data description

Indicator is the heart attack hospitalizations.

Indicator Description: Heart attacks can stem from genetic, lifestyle and environmental factors including ambient air pollution and second-hand smoke.

A hospitalization is included if it has an ICD-9 principal diagnosis code of 410 or an ICD-10 rincipal diagnosis code of I21 or I22 and excluded if the patient was transfered from one urgrent care facility within NYC to another.

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	42
Number of variables	12

Codebook summary table

Label	Variable	Class	# unique values	Missing
	year	factor	1	0.00 %
	geo_type_name	factor	1	0.00 %
	borough	factor	5	0.00 %
	geography	character	42	0.00 %
	geography_id	factor	42	0.00 %
	indicator_name	factor	1	0.00 %
	age_adjusted_rate_adults_35_to_64_yrs_old_per_10_000_residents	numeric	37	0.00 %
	age_adjusted_rate_adults_65_yrs_and_older_per_10_000_residents	numeric	41	0.00 %
	number_adults_35_to_64_yrs_old	numeric	40	0.00 %
	number_adults_65_yrs_and_older	numeric	40	0.00 %
	rate_adults_35_to_64_yrs_old_per_10_000_residents	numeric	39	0.00 %
	rate_adults_65_yrs_and_older_per_10_000_residents	numeric	42	0.00 %

Variable list

year

This variable is the year.

- The variable only takes one (non-missing) value: "2016". The variable contains 0 % missing observations.

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geo_type_name

This variable is the geographic type. Here we only contain UHF 42 neighborhoods.

- The variable only takes one (non-missing) value: "Neighborhood (UHF 42)". The variable contains 0 % missing observations.

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borough

This variable is the borough. This variable shows the neighborhood belongs to which borough.

- The variable only takes 5 (non-missing) value: "Bronx", "Brooklyn","Manhattan", "Queens", "Staten Island".The variable contains 0 % missing observations.

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geography

This variable is the names of the neighborhood (UHF42). * The variable is a key (distinct values for each observation).

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geography_id

This is the geography id.

- The variable is a key (distinct values for each observation).

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indicator_name

- The variable only takes one (non-missing) value: "Heart Attack Hospitalizations". The variable contains 0 % missing observations.

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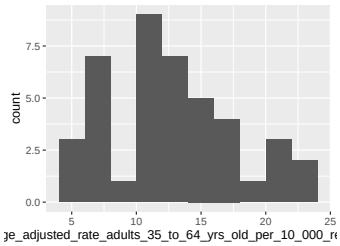
age_adjusted_rate_adults_35_to_64_yrs_old_per_10_000_residents

This variable is the hospitalization rate of people from age 35 to age 64 years old after adjusted the age per 10000 residents.

- How calculate: Number of NYC resident adults 35 to 64 years old hospitalized for heart attack (acute myocardial infarction) summed within 5-year age groups and divided by the population in each age group using NYC DOHMH intercensal estimates; quotients are multiplied by the proportion of the 2000 US population in each age group. Age-adjusted rate is the sum of the weighted age-specific rates; expressed as cases per 10000 residents.

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	37
Median	12.3
1st and 3rd quartiles	8.75; 15.55
Min. and max.	5.1; 22.6



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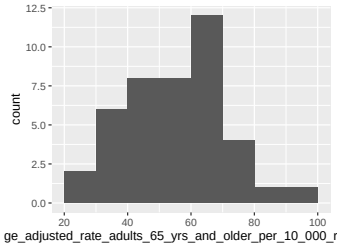
age_adjusted_rate_adults_65_yrs_and_older_per_10_000_residents

This variable is the hospitalization rate of people over 65 years old after adjusted the age per 10000 residents.

- How Calculated: Number of NYC resident adults 65 years and older hospitalized for heart attack (acute myocardial infarction) summed within 5-year age groups and divided by the population in each age group using NYC DOHMH intercensal estimates; quotients are multiplied by the proportion of the 2000 US population in each age group. Age-adjusted rate is the sum of the weighted age-specific rates; expressed as cases per 10000 residents.

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	41
Median	56.5
1st and 3rd quartiles	46.07; 63.85
Min. and max.	28.3; 96.2



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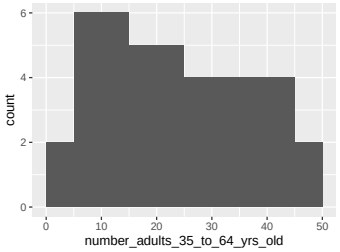
number_adults_35_to_64_yrs_old

This variable is the hospitalization number of adults from 35 to 54 year old.

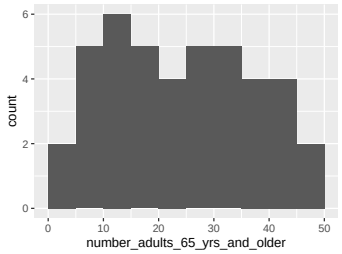
- How Calculated: Number of NYC resident adults 35 to 64 years hospitalized for heart attack (acute myocardial infarction).

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	40
Median	22.5
1st and 3rd quartiles	12.25; 34.75
Min. and max.	4; 47



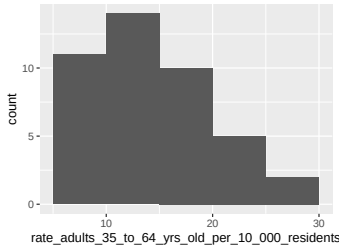
number_adults_65_yrs_and_older

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	40
Median	24
1st and 3rd quartiles	13.25; 34.75
Min. and max.	4; 47



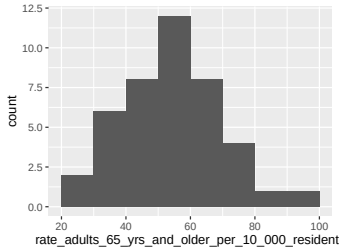
rate_adults_35_to_64_yrs_old_per_10_000_residents

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	39
Median	14.05
1st and 3rd quartiles	9.82; 17.95
Min. and max.	5.5; 25.8



rate_adults_65_yrs_and_older_per_10_000_residents

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	42
Median	55.1
1st and 3rd quartiles	45.9; 63.67
Min. and max.	26.9; 90.6



Report generation information:

- Created by: Ziqi Zhou (username: `ziqizhou`).
- Report creation time: Thu Oct 29 2020 22:28:02
- Report was run from directory: `/Users/ziqizhou/Desktop/MSPH_1st_Year/P8105_Data_Science/Git/NYC_covid-19.git`
- dataMaid v1.4.0 [Pkg: 2019-12-10 from CRAN (R 3.6.0)]
- R version 3.6.1 (2019-07-05).
- Platform: x86_64-apple-darwin15.6.0 (64-bit)(macOS Catalina 10.15.7).

- Function call: `dataMaid::makeDataReport(data = heartattact, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook_heartattact.Rmd", checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for heartattact")`