

final_project Documentation

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

location_info

Field	Description	Type	Default	Other
index		integer,		
county		varchar(100)		
state		varchar(30)		
fips		integer		PK, FK
lat		float		
lon		float		

covid_weather_table

Field	Description	Type	Default	Other
index		integer		
date		date		FK
county		varchar(100)		FK
state		varchar(30)		FK
fips		integer		
km_to_closest_station		float		
call		varchar(50)		
elev_m		float		
station_id		text		
station_name		varchar(100)		
mean_temp		float		
min_temp		float		
max_temp		float		
dewpoint		float		
sea_level_pressure		float		
station_pressure		float		
visibility		float		
wind_speed		float		
max_wind_speed		float		
wind_gust		float		
precipitation		float		
precip_flag		varchar(5)		
fog		integer		

Field	Description	Type	Default	Other
rain		integer		
snow		integer		
hail		integer		
thunder		integer		
tornado		integer		
mean_temp_3d_avg		float		
mean_temp_5d_avg		float		
mean_temp_10d_avg		float		
mean_temp_15d_avg		float		
max_temp_3d_avg		float		
max_temp_5d_avg		float		
max_temp_10d_avg		float		
max_temp_15d_avg		float		
min_temp_3d_avg		float		
min_temp_5d_avg		float		
min_temp_10d_avg		float		
min_temp_15d_avg		float		
dewpoint_3d_avg		float		
dewpoint_5d_avg		float		
dewpoint_10d_avg		float		
dewpoint_15d_avg		float		

covid_table

Field	Description	Type	Default	Other
index		int		
date		date		FK
county		varchar(100)		FK
state		varchar(30)		FK
fips		int		FK
cases		int		
deaths		int		
stay_at_home_announced		varchar(10)		
stay_at_home_effective		varchar(10)		
total_population		int		
area_sqmi		float		
population_density_per_sqmi		float		
num_deaths		int		

Field	Description	Type	Default	Other
years_of_potential_life_lost_rat		float		
percent_fair_or_poor_health		float		
average_number_of_physically		float		
average_number_of_mentally_unhealthy_days		float		
percent_low_birthweight		float		
percent_smokers		float		
percent_adults_with_obesity		float		
food_environment_index		float		
percent_physically_inactive		float		
percent_with_access_to_exercise_opportunities		float		
percent_excessive_drinking		float		
num_alcohol_impaired_driving_deaths		int		
num_driving_deaths		int,		
percent_driving_deaths_with_alcohol_involvement		float		
num_chlamydia_cases		int		
chlamydia_rate		float		
teen_birth_rate		float		
num_uninsured		int		
percent_uninsured		nfloat		
num_primary_care_physicians		int		
primary_care_physicians_rate		float		
num_dentists		int		
dentist_rate		float		
num_mental_health_providers		int		
mental_health_provider_rate		float		
preventable_hospitalization_rate		float		
percent_with_annual_mammog		float		
percent_vaccinated		float		
high_school_graduation_rate		float		
num_some_college		int		
population		int		
percent_some_college		float,		
num_unemployed_CHR		int		
labor_force		int		
percent_unemployed_CHR		float		
percent_children_in_poverty		float		
eightieth_percentile_income		float		

Field	Description	Type	Default	Other
twentieth_percentile_income		float		
income_ratio		float		
num_single_parent_households_CHR		int		
num_households_CHR		int		
percent_single_parent_households_CHR		float		
num_associations		int		
social_association_rate		float		
annual_average_violent_crimes		float		
violent_crime_rate		float		
num_injury_deaths		int		
injury_death_rate		float		
average_daily_pm2_5		float		
presence_of_water_violation		boolean		
percent_severe_housing_probl		float		
severe_housing_cost_burden		float		
overcrowding		float		
inadequate_facilities		float		
percent_drive_alone_to_work		float		
num_workers_who_drive_alone		int		
percent_long_commute_drives		float		
life_expectancy		float		
num_deaths_2		float		
age_adjusted_death_rate		float		
num_deaths_3		int		
child_mortality_rate		float		
num_deaths_4		int		
infant_mortality_rate		float		
percent_frequent_physical_dist		float		
percent_frequent_mental_distress		float		
percent_adults_with_diabetes		float		
num_hiv_cases		int		
hiv_prevalence_rate		float		
num_food_insecure		int		
percent_food_insecure		float		
num_limited_access		float		
percent_limited_access_to_heal		float		
num_drug_overdose_deaths		float		

Field	Description	Type	Default	Other
drug_overdose_mortality_rate		float		
num_motor_vehicle_deaths		float		
motor_vehicle_mortality_rate		float		
percent_insufficient_sleep		float		
num_uninsured_2		float		
percent_uninsured_2		float		
num_uninsured_3		float		
percent_uninsured_3		float		
other_primary_care_provider_rate		float		
percent_disconnected_youth		float		
average_grade_performance		float		
average_grade_performance_2		float		
median_household_income		float		
percent_enrolled_in_free_or_reduced_lunch		float		
segregation_index		float		
segregation_index_2		float		
homicide_rate		float		
num_deaths_5\		float		
suicide_rate_age_adjusted		float		
num_firearm_fatalities		float		
firearm_fatalities_rate		float		
juvenile_arrest_rate		float		
average_traffic_volume_per_mile		float		
num_homeowners		float		
percent_homeowners		float		
num_households_with_severe_cost_burden		float		
percent_severe_housing_cost_burden		float		
population_2		float		
percent_less_than_18_years_old		float		
percent_65_and_over		float		
num_black		float		
percent_black		float		
num_american_indian_alaska_native		float		
percent_american_indian_alaska_native		float		
num_asian		float		
percent_asian		float		
num_native_hawaiian_other_pacific_islander		float		

Field	Description	Type	Default	Other
percent_native_hawaiian_other_pacific_islander		float		
num_hispanic		float		
percent_hispanic		float		
num_non_hispanic_white		float		
percent_non_hispanic_white		float		
num_not_proficient_in_english		float		
percent_not_proficient_in_english		float		
percent_female		float		
num_rural		float		
percent_rural		float		
num_housing_units	float			
num_households_CDC	float			
num_below_poverty	float			
num_unemployed_CDC	float			
per_capita_income	float			
num_no_highschool_diploma		float		
num_age_65_and_older		float		
num_age_17_and_younger		float		
num_disabled		float		
num_single_parent_household		float,		
num_minorities		float		
num_limited_english_abilities		float		
num_multi_unit_housing		float		
num_mobile_homes		float		
num_overcrowding		float		
num_households_with_no_vehi		float,		
num_institutionalized_in_group_quarters		float,		
percent_below_poverty		float		
percent_unemployed_CDC		float		
percent_no_highschool_diplom		float		
percent_age_65_and_older		float		
percent_age_17_and_younger		float		
percent_disabled		float		
percent_single_parent_househ		float		
percent_minorities		float		
percent_limited_english_abilitie		float		
percent_multi_unit_housing		float		

Field	Description	Type	Default	Other
percent_mobile_homes		float		
percent_overcrowding		float		
percent_no_vehicle		float		
percent_institutionalized_in_group_quarters		float		
percentile_rank_below_poverty		float		
percentile_rank_unemployed		float		
percentile_rank_per_capita_inc		float		
percentile_rank_no_highschool_diploma		float		
percentile_rank_socioeconomic		float		
percentile_rank_age_65_and_older		float		
percentile_rank_age_17_and_y		float		
percentile_rank_disabled		float		
percentile_rank_single_parent_		float		
percentile_rank_household_comp_disability_theme		float		
percentile_rank_minorities		float		
percentile_rank_limited_english_abilities		float		
percentile_rank_minority_status		float		
percentile_rank_multi_unit_housing		float		
percentile_rank_mobile_homes		float		
percentile_rank_overcrowding		float		
percentile_rank_no_vehicle		float		
percentile_rank_institutionalized_in_group_quarters		float		
percentile_rank_housing_and_t		float		
percentile_rank_social_vulnerability		float		
date_stay_at_home_announcer		date		
date_stay_at_home_effective		date		