

Layouts

1. Main Layout..... 1

Tables

public.disease [ 1 ]..... 2

public.disease\_type [ 1 ]..... 2

public.diseased\_patient [ 1 ]..... 2

public.indication [ 1 ]..... 2

public.insurance [ 1 ]..... 3

public.location [ 1 ]..... 3

public.medicine [ 1 ]..... 3

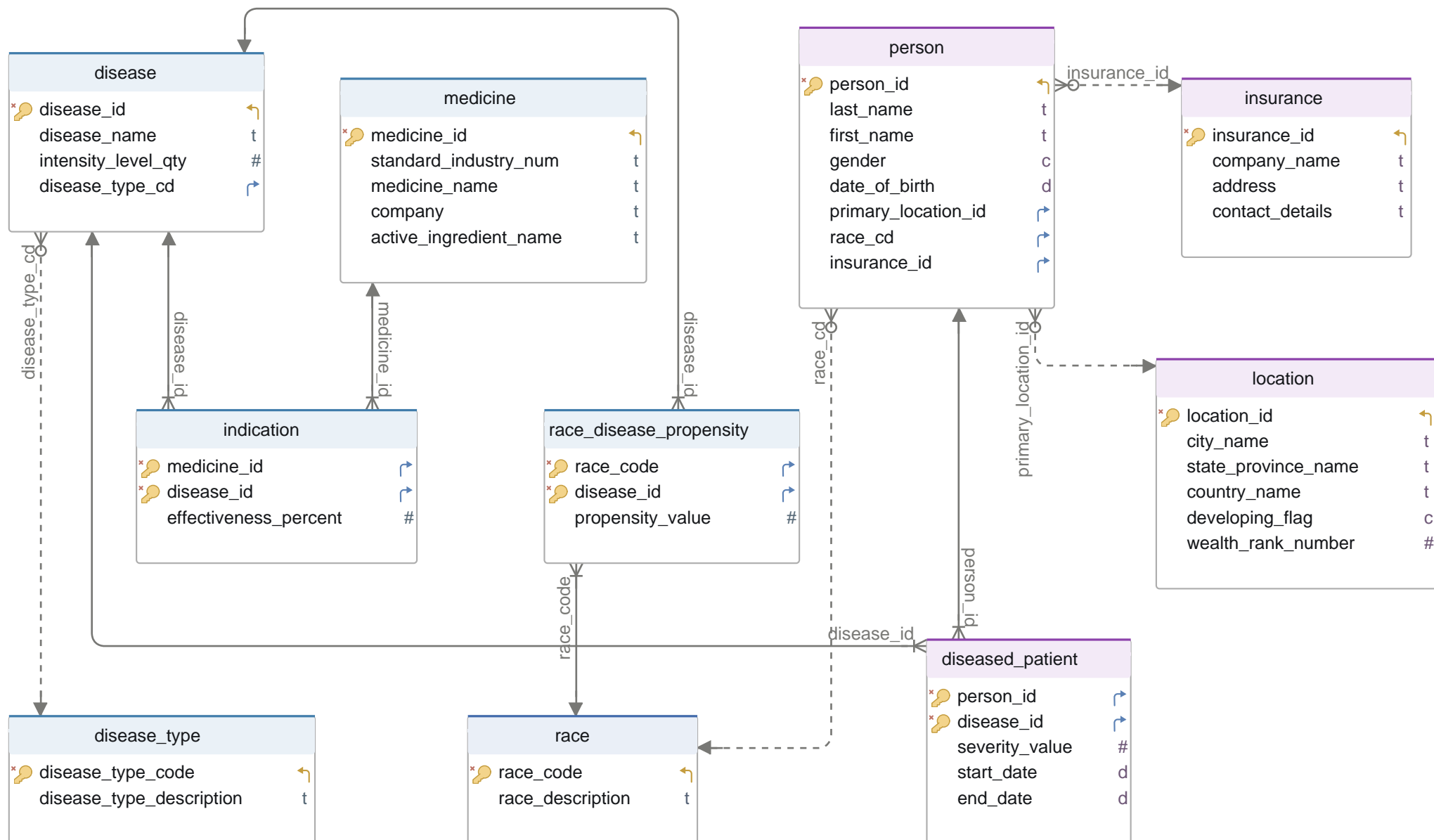
public.person [ 1 ]..... 3

public.race [ 1 ]..... 4

public.race\_disease\_propensity [ 1 ]..... 4

This is a layout. Create new tables by right-clicking the layout.

Edit tables by double-clicking the table header.



Main Layout

Table disease		
Idx	Name	Data Type
* Pk	disease_id	serial
	disease_name	varchar(255)
	intensity_level_qty	integer
	disease_type_cd	char(10)
Indexes		
Type	Name	On
Pk	disease_pkey	disease_id
Foreign Keys		
Type	Name	On
	disease_disease_type_cd_fkey ( disease_type_cd ) ref disease_type ( disease_type_code )	

Table disease_type		
Idx	Name	Data Type
* Pk	disease_type_code	char(5)
	disease_type_description	varchar(1000)
Indexes		
Type	Name	On
Pk	disease_type_pkey	disease_type_code

Table diseased_patient		
Idx	Name	Data Type
* Pk	person_id	integer
* Pk	disease_id	integer
	severity_value	integer
	start_date	date
	end_date	date
Indexes		
Type	Name	On
Pk	diseased_patient_pkey	person_id, disease_id
Foreign Keys		
Type	Name	On
	diseased_patient_person_id_fkey ( person_id ) ref person ( person_id )	
	diseased_patient_disease_id_fkey ( disease_id ) ref disease ( disease_id )	

Table indication		
Idx	Name	Data Type
* Pk	medicine_id	integer
* Pk	disease_id	integer
	effectiveness_percent	double precision
Indexes		
Type	Name	On
Pk	indication_pkey	medicine_id, disease_id
Foreign Keys		
Type	Name	On
	indication_medicine_id_fkey ( medicine_id ) ref medicine ( medicine_id )	

## Table indication

indication\_disease\_id\_fkey ( disease\_id ) ref disease ( disease\_id )

## Table insurance

Idx	Name	Data Type
* Pk	insurance_id	integer GENERATED ALWAYS AS IDENTITY
	company_name	varchar(255)
	address	varchar(255)
	contact_details	varchar(255)

### Indexes

Type	Name	On
Pk	insurance_pkey	insurance_id

## Table location

Idx	Name	Data Type
* Pk	location_id	integer GENERATED ALWAYS AS IDENTITY
	city_name	varchar(100)
	state_province_name	varchar(100)
	country_name	varchar(100)
	developing_flag	char(1)
	wealth_rank_number	integer

### Indexes

Type	Name	On
Pk	location_pkey	location_id

## Table medicine

Idx	Name	Data Type
* Pk	medicine_id	serial
	standard_industry_num	varchar(25)
	medicine_name	varchar(250)
	company	varchar(150)
	active_ingredient_name	varchar(150)

### Indexes

Type	Name	On
Pk	medicine_pkey	medicine_id

## Table person

Idx	Name	Data Type
* Pk	person_id	integer GENERATED ALWAYS AS IDENTITY
	last_name	varchar(50)
	first_name	varchar(100)
	gender	char(1)
	date_of_birth	date
	primary_location_id	integer
	race_cd	char(5)
	insurance_id	integer

### Indexes

Type	Name	On
Pk	person_pkey	person_id

Table person

Foreign Keys

Type	Name	On
	fkey_primary_location_id ( primary_location_id )	ref location ( location_id )
	fkey_race_cd ( race_cd )	ref race ( race_code )
	fkey_insurance_id ( insurance_id )	ref insurance ( insurance_id )

Table race

Idx	Name	Data Type
* Pk	race_code	char(5)
	race_description	varchar(100)
Indexes		
Type	Name	On
Pk	race_pkey	race_code

Table race\_disease\_propensity

Idx	Name	Data Type
* Pk	race_code	char(5)
* Pk	disease_id	integer
	propensity_value	integer
Indexes		
Type	Name	On
Pk	race_disease_propensity_pkey	race_code, disease_id
Foreign Keys		
Type	Name	On
	race_disease_propensity_race_code_fkey ( race_code )	ref race ( race_code )
	race_disease_propensity_disease_id_fkey ( disease_id )	ref disease ( disease_id )