

## Dim\_Immigration

Field Name	Data Type	Description	Sample	Source
<b>Cicid</b>	double	Unique key to identify each row	7.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94yr</b>	double	year of date of arrival	2016.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94mon</b>	double	month of date of arrival	4.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94cit</b>	double	Country of citizenship	254.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94res</b>	double	country of residency	276.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94port</b>	string	Port of entry	ATL	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>arrdate</b>	double	Arrival date in SAS format	20551.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94mode</b>	double	Mode of travel1 = 'Air' 2 = 'Sea' 3 = 'Land' 9 = 'Not reported'	1.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94addr</b>	string	State to which traveller is visiting first	AL	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94bir</b>	double	Age of traveler	25.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>i94visa</b>	double	Visa codes collapsed into three categories 1 = Business 2 = Pleasure 3 = Student	3.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>biryear</b>	double	Birth year of traveler	1991.0	i94_<MON>16_sub.sas7bdat (SAS Files)
<b>visatype</b>	string	Type of visa	F1	i94_<MON>16_sub.sas7bdat (SAS Files)

Field Name	Data Type	Description	Sample	Source
arrival_date	timestamp	SAS date of arrival converted to time dimension	2016-4-7 0:00:00	i94_<MON>16_sub.sas7bdat (SAS Files)

Field Name	Data Type	Description	Sample	Source
ident	string	Unique identifier	PHKO	airport-codes_csv.csv
type	string	Type of Airport	medium_airport	airport-codes_csv.csv
name	string	Name of the airport	Ellison Onizuka K	airport-codes_csv.csv
continent	string	Continent	NA	airport-codes_csv.csv
iso_country	string	Country	US	airport-codes_csv.csv
iso_region	string	Country and State	US-HI	airport-codes_csv.csv
municipality	string	City	Kailua/Kona	airport-codes_csv.csv
iata_code	string	3 letter identifier to uniquely identify airport	ABE	airport-codes_csv.csv
state	string	State	HI	airport-codes_csv.csv
new_municipality	string	City after removing '/' from column Municipality	Kailua	airport-codes_csv.csv

### Dim Temperature

Field Name	Data Type	Description	Sample	Source
dt	string	Date	2012-01-01	GlobalLandTemperaturesByCity.csv
average_temperature	string	Average Temperature	7.996	GlobalLandTemperaturesByCity.csv
average_temperature_uncertainty	string	Percentage of uncertainty in temperature	0.204	GlobalLandTemperaturesByCity.csv
city	string	City	Abilene	GlobalLandTemperaturesByCity.csv
country	string	Country	United States	GlobalLandTemperaturesByCity.csv

Field Name	Data Type	Description	Sample	Source
month	Integer	Month extracted from 'dt' field	1	GlobalLandTemperaturesByCity.csv

### Dim Demographics

Field Name	Data Type	Description	Sample	Source
city	string	US City	Silver Spring	us-cities-demographics.csv
state	string	US state	Maryland	us-cities-demographics.csv
total_population	string	Total population	82463	us-cities-demographics.csv
foreign_born	string	Total immigrant population	30908.0	us-cities-demographics.csv
state_code	string	State code	MD	us-cities-demographics.csv

### Dim Time

Field Name	Data Type	Description	Sample	Source
date	timestamp	Date	2016-04-02 00:00:00	arrival_date from dim_immigration
hour	integer	Hour extracted from date field	0	arrival_date from dim_immigration
day	integer	day of the week of the date field	2	arrival_date from dim_immigration
week	integer	week number of the date field	13	arrival_date from dim_immigration
month	integer	month of the year extracted from date	4	arrival_date from dim_immigration
year	integer	year extracted from date	2016	arrival_date from dim_immigration
weekday	String	week day from date	Saturday	arrival_date from dim_immigration

### Fact us-city-immigration

Field Name	Data Type	Description	Sample	Source
fact_id	Long	Unique id for the	60129542144	Programmatically

Field Name	Data Type	Description	Sample	Source
<b>Date</b>	timestamp	Arrival Date	2016-04-10 00:00:00	dim_time
<b>Cicid</b>	Double	unique id for dim immigration table	1777804.0	dim_immigration
<b>Ident</b>	String	unique id for dim_airport	KAUS	dim_airport
<b>Month</b>	Integer	Month	4	dim_temperature
<b>City</b>	String	US city	Austin	dim_temperature
<b>State</b>	String	State	Texas	dim_demographics
<b>average_temperature</b>	String	Average temperature of the city in a month	22.441000000000006	dim_temperature
<b>foreign_born</b>	String	Total population of immigrants in the city	181686	dim_demographics