

# **PSQL - TRAVEL**

# GOAL

Determine whether there is a significant relationship between the number of American citizens' deaths abroad and the number of warnings a country receives. Identify the most dangerous and safest countries for an American tourist. Compare the results with those presented in the article on data.world.

# Source

The data used in this project come from the U.S. Department of State and are accessible at this [link](#). The collected data cover the period from October 2009 to June 2016.



# Which countries have the most deaths and which the most warnings?

	country character varying (255) 	deaths integer 	warnings integer 
1	Mexico	598	28
2	Afghanistan	84	23
3	Philippines	74	20
4	Haiti	65	10
5	Honduras	46	9
6	Dominican Republic	45	0
7	Jamaica	39	0
8	El Salvador	34	9
9	Costa Rica	27	0
10	Guatemala	26	0
11	Colombia	25	18
12	Belize	16	0
13	Ecuador	12	0
14	Thailand	11	4
15	Nigeria	10	23

	country character varying (255) 	warnings integer 	deaths integer 
1	Mexico	28	598
2	Mali	26	1
3	Pakistan	25	8
4	Israel	25	7
5	Iraq	24	9
6	Nigeria	23	10
7	Afghanistan	23	84
8	Syria	23	4
9	Yemen	22	9
10	Kenya	20	6
11	Philippines	20	74
12	Lebanon	20	4
13	Libya	19	1
14	Congo	18	1
15	Colombia	18	25

We note that Mexico is the country with the highest number of American citizens in terms of both deaths and warnings.

# Which countries have the highest per capita death rates?

Per capita: number of deaths per 100,000 travelers

	country character varying (255)	per capita numeric (10,2)	deaths integer	travelers integer	warnings integer
1	Pakistan	3.54	8	226200	25
2	Thailand	3.20	11	343500	4
3	Philippines	2.28	74	3240000	20
4	Haiti	1.96	65	3316700	10
5	Honduras	1.66	46	2766800	9
6	Nigeria	1.28	10	780900	23
7	Belize	1.02	16	1563400	0
8	Guyana	0.97	7	722200	0
9	Egypt	0.86	5	579800	11
10	Mexico	0.84	598	71608500	28
11	Guatemala	0.68	26	3799600	0
12	El Salvador	0.64	34	5324400	9
13	Greece	0.43	3	691800	0
14	Jordan	0.39	3	775600	0
15	Jamaica	0.37	39	10606600	0
16	Ukraine	0.36	1	276800	15
17	Ecuador	0.35	12	3457500	0
18	Nicaragua	0.34	7	2060000	0
19	Costa Rica	0.33	27	8137400	0
20	Grenada	0.30	1	328900	0

This table takes into account how many Americans have visited each country. For example, we can see that Mexico is no longer in the top positions because it has many more visitors compared to Pakistan. It can be stated that U.S. citizens are more likely to die in Pakistan, Thailand, and the Philippines.

# Let's verify a claim from the article

Mali has no data on travelers, but we can still draw useful insights

"Mexico, Mali and Israel were indicated by most warning agencies in recent years, but American tourists are more likely to be killed in Thailand, Pakistan and the Philippines"

	country character varying (255) 	per capita numeric 	travelers integer 	deaths integer 	warnings integer 
1	Pakistan	3.54	226200	8	25
2	Thailand	3.20	343500	11	4
3	Philippines	2.28	3240000	74	20
4	Mexico	0.84	71608500	598	28
5	Israel	0.15	4770700	7	25
6	Mali	0	[null]	1	26

We observe that, in proportion, Pakistan, Thailand, and the Philippines are more dangerous than Mexico, Israel, and Mali.

# What are the causes of death in the most dangerous country?

Let's analyze the causes of death in Pakistan

	cause of death character varying (255)	number of deaths bigint
1	Homicide	8
2	Veh. Accid-Auto	5
3	Veh. Accid-Motorcy.	3
4	Air Accident	3
5	Suicide	1
6	Other Accident	1
7	Veh. Accid-Other	1

The most frequent cause of death for American tourists in Pakistan is homicide.

# Which countries are the safest?

Let's analyze the countries with at least one death

	country character varying (255) 	per capita numeric (10,2) 	deaths integer 	travelers integer 	warnings integer 
1	United Kingdom	0.00	1	57264100	0
2	Canada	0.00	2	83817200	0
3	Ireland	0.01	1	6748100	0
4	Japan	0.01	2	35248300	0
5	France	0.01	2	21280100	0
6	Italy	0.02	2	9146800	0
7	United Arab Emirates	0.02	2	9061000	0
8	Germany	0.02	5	32703500	0
9	China	0.03	5	14593400	0
10	Spain	0.03	3	9312400	0
11	Chile	0.03	1	2952800	0
12	Netherlands	0.04	6	15301700	0
13	Cayman Islands	0.04	1	2515800	0
14	Brazil	0.05	8	15337700	0
15	Singapore	0.05	1	1930100	0
16	Australia	0.05	4	8611000	0
17	Portugal	0.06	1	1610800	0
18	Peru	0.08	4	5019500	0
19	Cuba	0.08	2	2410400	0
20	Poland	0.09	1	1116300	0

The safest country, despite having at least one death, is the United Kingdom.

# Which countries are the most likely places to die in a terrorist attack?

	country character varying (255)	terrorism_deaths bigint	total_deaths bigint	percentage numeric
1	Somalia	4	4	100.00
2	Burkina Faso	1	1	100.00
3	Malta	1	1	100.00
4	Jerusalem	5	6	83.33
5	Afghanistan	73	104	70.19
6	Albania	3	6	50.00
7	Syria	2	5	40.00
8	Belgium	4	14	28.57
9	Mali	1	4	25.00
10	Iraq	2	18	11.11
11	Israel	3	30	10.00
12	Jordan	2	20	10.00
13	Uganda	1	11	9.09
14	Turkey	2	26	7.69
15	Lebanon	1	14	7.14
16	Kenya	1	20	5.00
17	France	1	64	1.56
18	Sri Lanka	0	6	0.00
19	Laos	0	10	0.00
20	Uzbekistan	0	1	0.00

Finally, out of curiosity, we list the countries where it is most likely to be a victim of a terrorist attack.