

TSA Case Study Results

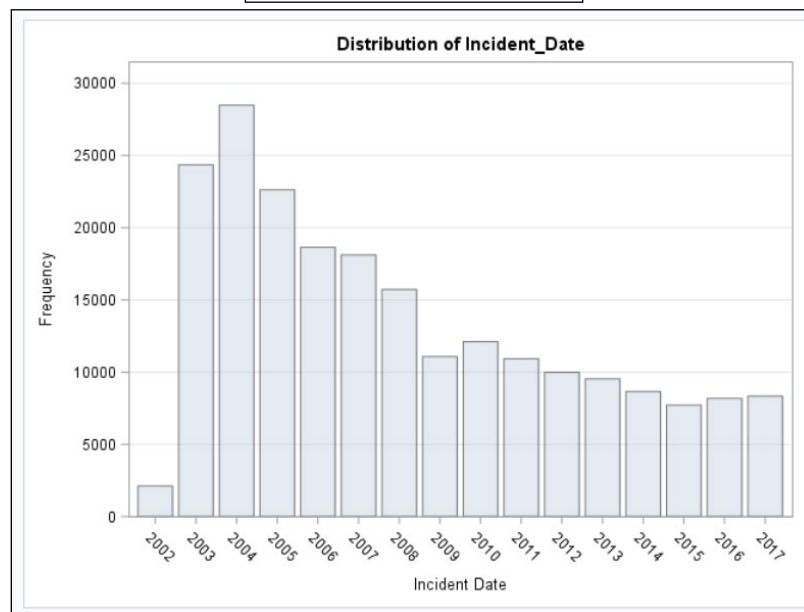
Here are the results for the overall analysis and a report with the selected state of California.

1. How many date issues are in the overall data?

Date Issues	
Date_Issues	Frequency
Needs Review	4241
Frequency Missing = 216609	

2. How many claims per year of **Incident_Date** are in the overall data? Be sure to include a plot.

Incident Date	
Incident_Date	Frequency
2002	2123
2003	24359
2004	28484
2005	22631
2006	18643
2007	18116
2008	15727
2009	11075
2010	12108
2011	10921
2012	9984
2013	9536
2014	8659
2015	7721
2016	8182
2017	8340



3. Analysis for California

a. What are the frequency values for **Claim_Type** for California?

Claim Type	
Claim_Type	Frequency
Passenger Property Loss	14892
Property Damage	8996
Unknown	756
Personal Injury	194
Passenger Theft	55
Employee Loss (MPCECA)	51
Motor Vehicle	17
Complaint	7
Compliment	2
Missed Flight	1
Property Loss	1

b. What are the frequency values for **Claim_Site** for California?

Claim Site	
Claim_Site	Frequency
Checked Baggage	19553
Checkpoint	5142
Other	187
Unknown	68
Motor Vehicle	19
Pre-Check	2
Bus Station	1

c. What are the frequency values for **Disposition** for California?

Disposition	Frequency
Deny	10918
Approve in Full	5266
Settle	4192
Unknown	3188
In Review	1086
*Insufficient	187
Closed:Contractor Claim	83
Closed:Canceled	49
Received	3

d. What is the mean, minimum, maximum, and sum of **Close_Amount** for California? Round to the nearest integer.

Analysis Variable : Close_Amount Close Amount			
Mean	Minimum	Maximum	Sum
98	0	14519	2096386