

## Expected Outputs:

### Cases & Deaths Per Year Chart

#### US Plague Cases 2000 to 2017

Obs	Year	Cases	Deaths
1	2000	6	0
2	2001	2	0
3	2002	2	0
4	2003	1	0
5	2004	3	1
6	2005	8	0
7	2006	17	2
8	2007	7	2
9	2008	3	0
10	2009	8	8
11	2010	2	0
12	2011	3	0
13	2012	4	0
14	2013	4	0
15	2014	10	0
16	2015	16	4
17	2016	4	0
18	2017	5	0

### Frequency of Cases

#### Frequency of Plague Cases 2000 to 2017

##### The FREQ Procedure

Cases	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	1	5.56	1	5.56
10	1	5.56	2	11.11
16	1	5.56	3	16.67
17	1	5.56	4	22.22
2	3	16.67	7	38.89
3	3	16.67	10	55.56
4	3	16.67	13	72.22
5	1	5.56	14	77.78
6	1	5.56	15	83.33
7	1	5.56	16	88.89
8	2	11.11	18	100.00

### Frequency of Deaths

#### Frequency of Deaths 2000 to 2017

##### The FREQ Procedure

Deaths	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	13	72.22	13	72.22
1	1	5.56	14	77.78
2	2	11.11	16	88.89
4	1	5.56	17	94.44
8	1	5.56	18	100.00

### Data Analysis of # of Cases

#### Plague Cases 2000 to 2017 Data Analysis

##### The MEANS Procedure

Analysis Variable : Cases				
N	Mean	Std Dev	Minimum	Maximum
18	5.8333333	4.5921929	1.0000000	17.0000000

### Data Analysis of # of Deaths

#### Plague Deaths 2000 to 2017 Data Analysis

##### The MEANS Procedure

Analysis Variable : Deaths				
N	Mean	Std Dev	Minimum	Maximum
18	0.9444444	2.0714366	0	8.0000000