

Samples (n = 100) of typical 2015 funeral expenses in Canon City, Pueblo, and Colorado Springs are shown in the table to the right.

**Visit**

<http://www.markeredwards.com/MathLiberalArts/mathliberalarts.html> for the entire Excel data file.

Complete the following requirements in an MS Word document. Explicitly identify all answers:

- Using MS Excel or other appropriate software, compute the descriptive statistics for each city's funeral costs. The descriptive statistics should include (as a minimum) MIN, MAX, RANGE, MEAN, STANDARD DEVIATION.
- Create separate histograms and CDFs for each city's data.
- Create a **single** histogram showing all three cities on a single histogram.
- Make a written conclusion about the relative funeral costs of the three cities.

Save your word file as: LastName-FuneralExpenses.docx and send to mheinen\_1@msn.com as an email attachment.

2015	Funeral Costs by City		
Funeral	Canon City	Pueblo	Colorado Springs
1	\$ 7,975	\$ 10,450	\$ 12,465
2	\$ 8,384	\$ 4,428	\$ 10,550
3	\$ 6,284	\$ 9,988	\$ 12,266
4	\$ 8,574	\$ 7,827	\$ 11,850
5	\$ 8,746	\$ 8,233	\$ 9,875
6	\$ 7,142	\$ 7,998	\$ 13,159
7	\$ 6,568	\$ 8,629	\$ 11,944
8	\$ 7,537	\$ 8,815	\$ 12,123
9	\$ 10,858	\$ 5,567	\$ 13,143
10	\$ 8,813	\$ 6,501	\$ 12,067
11	\$ 7,517	\$ 7,745	\$ 11,982
12	\$ 9,453	\$ 10,014	\$ 12,433
13	\$ 6,264	\$ 3,540	\$ 12,024
14	\$ 8,505	\$ 8,953	\$ 10,389
15	\$ 7,774	\$ 9,222	\$ 10,454
16	\$ 8,952	\$ 11,551	\$ 12,072
17	\$ 6,571	\$ 6,412	\$ 11,697
18	\$ 8,699	\$ 11,379	\$ 11,060
19	\$ 9,520	\$ 8,436	\$ 11,385
20	\$ 7,910	\$ 13,592	\$ 10,996
21	\$ 7,323	\$ 8,408	\$ 12,961
22	\$ 8,484	\$ 10,103	\$ 12,800
23	\$ 7,311	\$ 7,841	\$ 11,544
24	\$ 10,870	\$ 5,038	\$ 13,672
25	\$ 11,763	\$ 9,541	\$ 10,258
26	\$ 8,622	\$ 5,788	\$ 13,238
27	\$ 9,809	\$ 3,896	\$ 11,195
28	\$ 8,670	\$ 8,903	\$ 13,266
29	\$ 9,530	\$ 8,044	\$ 11,509
30	\$ 10,944	\$ 7,659	\$ 11,013



(30 data points shown... entire data file of 100 data points in Excel file on web site)