An Unusual Incident

Below is a summary of data collected about a particular incident involving a large number of people. Your task is to look for patterns in the data, and hence determine what the occurance may have been.

Look for unusual patterns in the data, eg compare the overall female death rate (27%) with that of the overall male death rate (80%). There are many intriguing differences between the categories.

Justify your conclusion using the data, and the patterns that you have noticed.

Data Cross-Tabulated By Economic Status and Gender

Economic Status	Population Exposed to Occurance			Number of Deaths			Deaths Per 100 Exposed to Occurance		
	Male	Female	Both	Male	Female	Both	Male	Female	Both
I (high)	180	145	325	118	4	122	65	3	37
I	179	106	285	154	13	167	87	12	59
III (low)	510	196	706	422	106	528	83	54	73
Other	862	23	885	670	3	673	78	13	76
Total	1731	470	2201	1364	126	1490	80	27	67

Data Cross-Tabulated by Economic Status and Age

Economic Status	Population Exposed to Occurance			Number of Deaths			Deaths per 100 Exposed to Occurance		
	Adult	Child	Both	Adult	Child	Both	Adult	Child	Both
I(high)	319	6	325	122	0	122	38	0	37
I	261	24	285	167	0	167	64	0	59
III (low)	627	79	706	476	52	528	76	66	73
Other	885	0	885	673	0	673	76	-	76
Total	2092	109	2201	1438	52	1490	69	48	67

Data from:
The ``Unusual Episode'' Data Revisited
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