

C. Hospitals

Vicki Peplow, regional director of Medicare payments for Aetna Insurance in Peoria, Illinois, became aware that two different hospitals seemed to charge vastly different amounts for the same medical procedure.

She collected 15 observations of billing costs from each hospital, and tested at 95% confidence level for the difference between the mean costs submitted by each hospital. Vicki corrected for all relevant factors other than cost.

Data found here:

<http://dcs.adnu.edu.ph/~neithan/xiphias/inputfiles/hospitals.csv>

If a significant difference does exist, Ms Vicki Peplow plans to report the matter to Medicare authority.

Should she report the matter?

Provide the values / answers in the following format:

```
n =  
sum of d =  
sum of d^2 =  
tails =  
significance level =  
confidence level =  
cv =  
df =  
t-value =  
  
Decision / Conclusion:
```