## PIE CHARTS <br> APPLICATIONS THE STATS OF TATTS



## TATTOOS AND BODY PIERCINGS IN THE USA

"Random digit dialing technology was used to obtain a national probability sample of 253 women and 247 men who were 18 to 50 years of age. Of our respondents, $24 \%$ had tattoos and $14 \%$ had body piercings. Tattooing was equally common in both sexes, but body piercing was more common among women. Other associations were a lack of religious affiliation, extended jail time, previous drinking, and recreational drug use. Local medical complications, including broken teeth, were present in one third of those with body piercings. The prevalence of jewellery allergy increased with the number of piercings. Of those with tattoos, $17 \%$ were considering removal but none had had a tattoo removed.
Tattooing and body piercing are associated with risk-taking activities. Body piercing has a high incidence of medical complications."

Reference: http://www.ncbi.nlm.nih.gov/pubmed/16908345

Q1 - GENDER OF SURVEY PARTICIPANTS

| GENDER | NUMBER | WORKING | ANGLE |
| :--- | :--- | :--- | :--- |
| FEMALE | 253 | $253 \div 500 \times 360$ | $182^{\circ}$ |
| MALE | 247 |  |  |
| TOTAL | 500 |  |  |



Q2 - PARTICIPANTS WITH TATTOOS

|  | PERCENT | WORKING | ANGLE |
| :--- | :--- | :--- | :--- |
| TATTOOS | 24 |  |  |
| NO TATTOOS |  |  |  |
| TOTAL | 100 |  |  |



Q3 - PARTICIPANTS CONSIDERING REMOVAL OF TATTOOS

|  | PERCENT | WORKING | ANGLE |
| :--- | :--- | :--- | :--- |
| REMOVAL | 17 |  |  |
| NO REMOVAL |  |  |  |
| TOTAL | 100 |  |  |



## ANSWERS

Q1. $\mathrm{Male}=178^{\circ}$
Q2. Tattoos $=86^{\circ}$
No tattoos $=274^{\circ}$
Q3. Removal $=61^{\circ}$
No removal $=299^{\circ}$

