**Appendix Table 6: Predicted Reduction in Total Medical Expenditures from Weight Loss for People with Arthritis ($2019)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **BMI** |  | **Total Exp** | **Percent Reduction in BMI** | | | |
| **5%** | **10%** | **15%** | **20%** |
| 30 | Mean | $8,436.56 | $860.63 | $1,639.28 | $2,343.76 | $2,981.13 |
|  | Std Dev | $13,008.91 | $282.44 | $537.96 | $769.11 | $978.22 |
| 31 | Mean | $8,364.29 | $936.20 | $1,780.27 | $2,541.30 | $3,227.45 |
|  | Std Dev | $8,447.72 | $324.32 | $616.61 | $880.05 | $1,117.49 |
| 32 | Mean | $8,512.01 | $1,039.74 | $1,974.10 | $2,813.76 | $3,568.32 |
|  | Std Dev | $11,284.08 | $383.98 | $728.83 | $1,038.53 | $1,316.67 |
| 33 | Mean | $7,586.37 | $1,067.31 | $2,023.30 | $2,879.58 | $3,646.55 |
|  | Std Dev | $13,061.71 | $357.09 | $676.76 | $962.93 | $1,219.12 |
| 34 | Mean | $9,343.55 | $1,243.66 | $2,353.78 | $3,344.72 | $4,229.25 |
|  | Std Dev | $21,211.88 | $436.34 | $825.63 | $1,172.96 | $1,482.85 |
| 35 | Mean | $11,539.64 | $1,197.20 | $2,262.80 | $3,211.28 | $4,055.51 |
|  | Std Dev | $20,837.35 | $347.16 | $656.14 | $931.12 | $1,175.87 |
| 36 | Mean | $7,996.13 | $1,536.35 | $2,899.23 | $4,108.23 | $5,180.72 |
|  | Std Dev | $8,710.92 | $497.32 | $938.63 | $1,330.24 | $1,677.76 |
| 37 | Mean | $13,277.90 | $1,535.76 | $2,893.20 | $4,093.01 | $5,153.52 |
|  | Std Dev | $22,005.93 | $497.02 | $936.34 | $1,324.66 | $1,667.90 |
| 38 | Mean | $9,741.31 | $1,710.75 | $3,217.54 | $4,544.71 | $5,713.66 |
|  | Std Dev | $18,122.07 | $465.10 | $874.38 | $1,234.53 | $1,551.46 |
| 39 | Mean | $6,812.26 | $1,887.59 | $3,544.75 | $4,999.61 | $6,276.86 |
|  | Std Dev | $7,316.55 | $496.36 | $932.00 | $1,314.33 | $1,649.88 |
| 40 | Mean | $10,862.97 | $2,021.33 | $3,790.36 | $5,338.59 | $6,693.58 |
|  | Std Dev | $23,753.13 | $703.87 | $1,319.66 | $1,858.40 | $2,329.73 |
| 41 | Mean | $17,799.17 | $2,208.60 | $4,135.59 | $5,816.88 | $7,283.79 |
|  | Std Dev | $26,450.16 | $789.46 | $1,477.96 | $2,078.43 | $2,602.11 |
| 42 | Mean | $7,623.36 | $2,443.62 | $4,568.76 | $6,416.93 | $8,024.22 |
|  | Std Dev | $10,261.96 | $874.35 | $1,635.14 | $2,297.13 | $2,873.14 |
| 43 | Mean | $7,482.87 | $2,672.11 | $4,987.85 | $6,994.74 | $8,733.97 |
|  | Std Dev | $8,774.42 | $1,038.70 | $1,938.61 | $2,718.28 | $3,393.79 |
| 44 | Mean | $8,617.02 | $2,901.23 | $5,407.18 | $7,571.72 | $9,441.36 |
|  | Std Dev | $7,755.76 | $825.51 | $1,539.20 | $2,156.22 | $2,689.68 |
| 45 | Mean | $7,718.92 | $2,847.55 | $5,298.17 | $7,407.20 | $9,222.26 |
|  | Std Dev | $12,108.69 | $741.35 | $1,380.04 | $1,930.30 | $2,404.38 |
| Overall | Mean | $9,159.16 | $1,316.83 | $2,485.81 | $3,523.76 | $4,445.56 |
|  | Std Dev | $15,061.89 | $685.61 | $1,278.43 | $1,791.07 | $2,234.43 |