**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  |