**Appendix Table 4: Predicted Reduction in Total Medical Expenditures from Weight Loss for People with Mental Health Disorders ($2019)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **BMI** |  | **Total Exp** | **Percent Reduction in BMI** | | | |
| **5%** | **10%** | **15%** | **20%** |
| 30 | Mean | $6,524.65 | $470.42 | $914.06 | $1,332.43 | $1,726.98 |
|  | Std Dev | $9,991.17 | $121.72 | $236.51 | $344.77 | $446.88 |
| 31 | Mean | $7,681.04 | $499.37 | $969.32 | $1,411.59 | $1,827.80 |
|  | Std Dev | $10,411.27 | $119.39 | $231.71 | $337.39 | $436.82 |
| 32 | Mean | $6,752.72 | $547.83 | $1,062.41 | $1,545.77 | $1,999.80 |
|  | Std Dev | $9,187.49 | $138.77 | $269.08 | $391.44 | $506.33 |
| 33 | Mean | $7,188.77 | $586.92 | $1,137.09 | $1,652.80 | $2,136.21 |
|  | Std Dev | $9,392.96 | $154.36 | $299.01 | $434.57 | $561.61 |
| 34 | Mean | $8,211.23 | $628.92 | $1,217.38 | $1,767.99 | $2,283.19 |
|  | Std Dev | $14,949.25 | $152.67 | $295.51 | $429.15 | $554.20 |
| 35 | Mean | $10,930.67 | $619.86 | $1,198.78 | $1,739.47 | $2,244.45 |
|  | Std Dev | $18,683.27 | $157.01 | $303.67 | $440.66 | $568.64 |
| 36 | Mean | $6,994.87 | $693.86 | $1,340.59 | $1,943.38 | $2,505.23 |
|  | Std Dev | $7,899.88 | $176.03 | $340.14 | $493.14 | $635.79 |
| 37 | Mean | $9,833.12 | $690.50 | $1,332.79 | $1,930.23 | $2,485.95 |
|  | Std Dev | $14,011.61 | $177.20 | $341.91 | $495.00 | $637.30 |
| 38 | Mean | $9,130.99 | $820.31 | $1,581.94 | $2,289.09 | $2,945.67 |
|  | Std Dev | $15,745.62 | $195.24 | $376.44 | $544.62 | $700.70 |
| 39 | Mean | $8,270.12 | $858.56 | $1,654.12 | $2,391.29 | $3,074.36 |
|  | Std Dev | $17,250.34 | $245.66 | $473.21 | $683.98 | $879.22 |
| 40 | Mean | $14,139.98 | $897.17 | $1,726.85 | $2,494.12 | $3,203.68 |
|  | Std Dev | $25,040.95 | $251.27 | $483.60 | $698.42 | $897.05 |
| 41 | Mean | $8,273.43 | $984.58 | $1,893.26 | $2,731.89 | $3,505.87 |
|  | Std Dev | $21,770.75 | $210.71 | $405.39 | $585.25 | $751.42 |
| 42 | Mean | $7,108.75 | $1,005.90 | $1,932.62 | $2,786.38 | $3,572.92 |
|  | Std Dev | $9,361.80 | $267.33 | $513.68 | $740.69 | $949.88 |
| 43 | Mean | $12,158.71 | $996.47 | $1,912.73 | $2,755.23 | $3,529.92 |
|  | Std Dev | $15,763.34 | $241.64 | $463.83 | $668.15 | $856.02 |
| 44 | Mean | $14,506.85 | $1,127.54 | $2,162.23 | $3,111.72 | $3,983.03 |
|  | Std Dev | $21,987.28 | $302.06 | $579.46 | $834.22 | $1,068.18 |
| 45 | Mean | $12,009.08 | $1,325.69 | $2,539.96 | $3,652.19 | $4,670.95 |
|  | Std Dev | $11,068.27 | $317.21 | $607.71 | $873.76 | $1,117.41 |
| Overall | Mean | $8,272.98 | $649.19 | $1,254.88 | $1,820.01 | $2,347.33 |
|  | Std Dev | $13,554.06 | $243.88 | $467.33 | $672.07 | $859.67 |