**Appendix/Supplemental Digital Content**

**Table 1. Depression and anxiety history for patients with T2DM by mental well-being category**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Mental well-being** | | | | | | | |  |
| **Good**  **(n=4,370)** | | **Poor**  **(n=1,781)** | | **Very poor**  **(n=1,701)** | | **Total** | |  |
| **Column N %** | **Count** | **Column N %** | **Count** | **Column N %** | **Count** | **Column N %** | **Count** | **p-value** |
| **Depression Diagnosis** | 5.1%a | 225 | 26.3%b | 468 | 56.7%c | 965 | 21.1% | 1658 | <.001 |
| **Depression Rx** | 4.0%a | 173 | 19.1%b | 341 | 44.2%c | 752 | 16.1% | 1266 | <.001 |
| **Generalized Anxiety Disorder Diagnosis** | 0.5%a | 20 | 2.4%b | 42 | 10.5%c | 178 | 3.1% | 240 | <.001 |
| **Generalized Anxiety Disorder RX** | 0.4%a | 17 | 1.5%b | 27 | 8.6%c | 147 | 2.4% | 191 | <.001 |
| **Any Anxiety Disorder Diagnosis\*** | 5.2%a | 227 | 19.9%b | 354 | 44.1%c | 750 | 17.0% | 1331 | <.001 |
| **Any Anxiety Disorder Rx** | 3.5%a | 154 | 13.1%b | 233 | 32.2%c | 547 | 11.9% | 934 | <.001 |
| Note: Values in the same row not sharing the same subscript are significantly different at p< .05..  \* Any anxiety disorder diagnosis includes respondents reporting at least one of the following diagnoses: anxiety disorder, generalized anxiety disorder, post-traumatic stress disorder, social anxiety disorder, panic disorder, phobia disorder, and obsessive compulsive disorder. | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 2a. Regression estimates for absenteeism controlling for demographic and health characteristics (reference is Good well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| ***Very poor (MCS = <40)*** | ***1.654*** | ***.2573*** | ***1.149*** | ***2.158*** | ***5.226*** | ***3.156*** | ***8.654*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***.752*** | ***.2307*** | ***.299*** | ***1.204*** | ***2.120*** | ***1.349*** | ***3.333*** | ***.001*** |
| **Good (MCS = 50+)** | 0a |  |  |  | 1 |  |  |  |
| **Age of the Respondent** | -.014 | .0088 | -.031 | .003 | .986 | .969 | 1.003 | .116 |
| **Female** | .176 | .2050 | -.226 | .577 | 1.192 | .798 | 1.782 | .392 |
| **Black** | .241 | .2863 | -.320 | .802 | 1.273 | .726 | 2.231 | .399 |
| **Hispanic** | .186 | .3483 | -.497 | .868 | 1.204 | .608 | 2.383 | .594 |
| **OtherEthnic** | .783 | .3604 | .077 | 1.490 | 2.188 | 1.080 | 4.435 | .030 |
| **4-year degree or higher** | -.257 | .2018 | -.652 | .139 | .773 | .521 | 1.149 | .203 |
| **$50k or more Annual Income** | -.246 | .2261 | -.689 | .198 | .782 | .502 | 1.218 | .277 |
| **Unknown Annual Income** | -.293 | .4793 | -1.232 | .647 | .746 | .292 | 1.909 | .541 |
| **Current Smoker** | -.376 | .2795 | -.924 | .171 | .686 | .397 | 1.187 | .178 |
| **BMI: Overweight** | .654 | .3362 | -.005 | 1.313 | 1.923 | .995 | 3.718 | .052 |
| **BMI: Obese** | .506 | .3210 | -.123 | 1.135 | 1.658 | .884 | 3.111 | .115 |
| **BMI: Morbidly Obese** | .843 | .3938 | .071 | 1.614 | 2.322 | 1.073 | 5.025 | .032 |
| **CCI** | .397 | .1259 | .150 | .643 | 1.487 | 1.162 | 1.903 | .002 |
| **Years since diabetes diagnosis** | -.007 | .0132 | -.033 | .019 | .993 | .967 | 1.019 | .583 |
| **Foot or leg ulcer** | 1.843 | .6231 | .622 | 3.065 | 6.317 | 1.862 | 21.424 | .003 |
| **Kidney disease** | .962 | .5647 | -.145 | 2.069 | 2.617 | .865 | 7.915 | .088 |
| **Macular edema or diabetic retinopathy** | -.200 | .5008 | -1.182 | .781 | .818 | .307 | 2.184 | .689 |
| **Neuropathic pain** | .752 | .2609 | .240 | 1.263 | 2.120 | 1.271 | 3.536 | .004 |
| **Diabetes with end organ damage** | -2.056 | 1.3649 | -4.731 | .619 | .128 | .009 | 1.858 | .132 |
| **Experienced Hypoglycemia** | .348 | .2025 | -.048 | .745 | 1.417 | .953 | 2.107 | .085 |
| **2 noninsulins** | .067 | .2770 | -.476 | .610 | 1.070 | .621 | 1.841 | .808 |
| **3+ noninsulins** | -.684 | .3963 | -1.461 | .092 | .504 | .232 | 1.097 | .084 |
| **Insulin Only** | -.771 | .4530 | -1.659 | .117 | .462 | .190 | 1.124 | .089 |
| **Insulin+ noninsulins** | -.359 | .3022 | -.951 | .233 | .698 | .386 | 1.263 | .235 |
| **Not currently on treatment** | .534 | .2913 | -.037 | 1.105 | 1.706 | .964 | 3.020 | .067 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 2b. Regression estimates for absenteeism controlling for demographic and health characteristics (reference is Very poor well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| **Good (MCS = 50+)** | ***-1.654*** | ***.2573*** | ***-2.158*** | ***-1.149*** | ***0.191*** | ***0.116*** | ***0.317*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***-.902*** | ***.2711*** | ***-1.433*** | ***-0.371*** | ***0.406*** | ***0.238*** | ***0.690*** | ***.001*** |
| ***Very poor (MCS = <40)*** | 0a |  |  |  | 1 |  |  |  |
| **Age of the Respondent** | -.014 | .0088 | -.031 | .003 | .986 | .969 | 1.003 | .116 |
| **Female** | .176 | .2050 | -.226 | .577 | 1.192 | .798 | 1.782 | .392 |
| **Black** | .241 | .2863 | -.320 | .802 | 1.273 | .726 | 2.231 | .399 |
| **Hispanic** | .186 | .3483 | -.497 | .868 | 1.204 | .608 | 2.383 | .594 |
| **OtherEthnic** | .783 | .3604 | .077 | 1.490 | 2.188 | 1.080 | 4.435 | .030 |
| **4-year degree or higher** | -.257 | .2018 | -.652 | .139 | .773 | .521 | 1.149 | .203 |
| **$50k or more Annual Income** | -.246 | .2261 | -.689 | .198 | .782 | .502 | 1.218 | .277 |
| **Unknown Annual Income** | -.293 | .4793 | -1.232 | .647 | .746 | .292 | 1.909 | .541 |
| **Current Smoker** | -.376 | .2795 | -.924 | .171 | .686 | .397 | 1.187 | .178 |
| **BMI: Overweight** | .654 | .3362 | -.005 | 1.313 | 1.923 | .995 | 3.718 | .052 |
| **BMI: Obese** | .506 | .3210 | -.123 | 1.135 | 1.658 | .884 | 3.111 | .115 |
| **BMI: Morbidly Obese** | .843 | .3938 | .071 | 1.614 | 2.322 | 1.073 | 5.025 | .032 |
| **CCI** | .397 | .1259 | .150 | .643 | 1.487 | 1.162 | 1.903 | .002 |
| **Years since diabetes diagnosis** | -.007 | .0132 | -.033 | .019 | .993 | .967 | 1.019 | .583 |
| **Foot or leg ulcer** | 1.843 | .6231 | .622 | 3.065 | 6.317 | 1.862 | 21.424 | .003 |
| **Kidney disease** | .962 | .5647 | -.145 | 2.069 | 2.617 | .865 | 7.915 | .088 |
| **Macular edema or diabetic retinopathy** | -.200 | .5008 | -1.182 | .781 | .818 | .307 | 2.184 | .689 |
| **Neuropathic pain** | .752 | .2609 | .240 | 1.263 | 2.120 | 1.271 | 3.536 | .004 |
| **Diabetes with end organ damage** | -2.056 | 1.3649 | -4.731 | .619 | .128 | .009 | 1.858 | .132 |
| **Experienced Hypoglycemia** | .348 | .2025 | -.048 | .745 | 1.417 | .953 | 2.107 | .085 |
| **2 noninsulins** | .067 | .2770 | -.476 | .610 | 1.070 | .621 | 1.841 | .808 |
| **3+ noninsulins** | -.684 | .3963 | -1.461 | .092 | .504 | .232 | 1.097 | .084 |
| **Insulin Only** | -.771 | .4530 | -1.659 | .117 | .462 | .190 | 1.124 | .089 |
| **Insulin+ noninsulins** | -.359 | .3022 | -.951 | .233 | .698 | .386 | 1.263 | .235 |
| **Not currently on treatment** | .534 | .2913 | -.037 | 1.105 | 1.706 | .964 | 3.020 | .067 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 3a. Regression estimates for presenteeism controlling for demographic and health characteristics (reference group is Good well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| ***Very poor (MCS = <40)*** | ***1.397*** | ***.0896*** | ***1.222*** | ***1.573*** | ***4.044*** | ***3.393*** | ***4.820*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***.891*** | ***.0782*** | ***.738*** | ***1.044*** | ***2.437*** | ***2.091*** | ***2.841*** | ***.000*** |
| ***Good (MCS = 50+)*** | 0a |  |  |  | 1 |  |  |  |
| **Age of the Respondent** | -.013 | .0032 | -.019 | -.007 | .987 | .981 | .993 | .000 |
| **Female** | .004 | .0712 | -.135 | .144 | 1.004 | .873 | 1.155 | .953 |
| **Black** | -.037 | .0982 | -.230 | .155 | .963 | .795 | 1.168 | .705 |
| **Hispanic** | .034 | .1201 | -.201 | .270 | 1.035 | .818 | 1.309 | .775 |
| **OtherEthnic** | .215 | .1198 | -.020 | .449 | 1.239 | .980 | 1.567 | .073 |
| **4-year degree or higher** | -.065 | .0690 | -.200 | .070 | .937 | .818 | 1.072 | .344 |
| **$50k or more Annual Income** | .005 | .0733 | -.138 | .149 | 1.005 | .871 | 1.161 | .943 |
| **Unknown Annual Income** | -.311 | .1620 | -.629 | .006 | .733 | .533 | 1.006 | .055 |
| **Current Smoker** | .063 | .0868 | -.107 | .233 | 1.065 | .898 | 1.262 | .469 |
| **BMI: Overweight** | .256 | .1094 | .042 | .470 | 1.292 | 1.043 | 1.601 | .019 |
| **BMI: Obese** | .240 | .1056 | .033 | .447 | 1.271 | 1.034 | 1.563 | .023 |
| **BMI: Morbidly Obese** | .517 | .1248 | .273 | .762 | 1.678 | 1.314 | 2.142 | .000 |
| **CCI** | .176 | .0373 | .103 | .249 | 1.193 | 1.109 | 1.283 | .000 |
| **Years since diabetes diagnosis** | .002 | .0047 | -.007 | .011 | 1.002 | .993 | 1.011 | .674 |
| **Foot or leg ulcer** | .054 | .1933 | -.325 | .433 | 1.056 | .723 | 1.542 | .779 |
| **Kidney disease** | .418 | .1992 | .028 | .809 | 1.520 | 1.028 | 2.245 | .036 |
| **Macular edema or diabetic retinopathy** | .110 | .1708 | -.225 | .445 | 1.116 | .799 | 1.560 | .520 |
| **Neuropathic pain** | .427 | .0901 | .250 | .604 | 1.533 | 1.284 | 1.829 | .000 |
| **Diabetes with end organ damage** | -.578 | .4711 | -1.502 | .345 | .561 | .223 | 1.412 | .220 |
| **Experienced Hypoglycemia** | .196 | .0680 | .063 | .329 | 1.217 | 1.065 | 1.390 | .004 |
| **2 noninsulins** | -.312 | .0930 | -.494 | -.130 | .732 | .610 | .878 | .001 |
| **3+ noninsulins** | -.226 | .1271 | -.475 | .023 | .797 | .622 | 1.023 | .075 |
| **Insulin Only** | .135 | .1529 | -.164 | .435 | 1.145 | .848 | 1.545 | .376 |
| **Insulin+ noninsulins** | -.131 | .1037 | -.334 | .073 | .877 | .716 | 1.075 | .208 |
| **Not currently on treatment** | -.046 | .0978 | -.238 | .145 | .955 | .788 | 1.156 | .635 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 3b. Regression estimates for presenteeism controlling for demographic and health characteristics (reference group is Very poor well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| **Good (MCS = 50+)** | ***-1.397*** | ***.0896*** | ***-1.573*** | ***-1.222*** | ***.247*** | ***.207*** | ***.295*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***-.506*** | ***.0973*** | ***-.697*** | ***-.316*** | ***.603*** | ***.498*** | ***.729*** | ***.000*** |
| ***Very poor (MCS = <40)*** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | -.013 | .0032 | -.019 | -.007 | .987 | .981 | .993 | .000 |
| **Female** | .004 | .0712 | -.135 | .144 | 1.004 | .873 | 1.155 | .953 |
| **Black** | -.037 | .0982 | -.230 | .155 | .963 | .795 | 1.168 | .705 |
| **Hispanic** | .034 | .1201 | -.201 | .270 | 1.035 | .818 | 1.309 | .775 |
| **OtherEthnic** | .215 | .1198 | -.020 | .449 | 1.239 | .980 | 1.567 | .073 |
| **4-year degree or higher** | -.065 | .0690 | -.200 | .070 | .937 | .818 | 1.072 | .344 |
| **$50k or more Annual Income** | .005 | .0733 | -.138 | .149 | 1.005 | .871 | 1.161 | .943 |
| **Unknown Annual Income** | -.311 | .1620 | -.629 | .006 | .733 | .533 | 1.006 | .055 |
| **Current Smoker** | .063 | .0868 | -.107 | .233 | 1.065 | .898 | 1.262 | .469 |
| **BMI: Overweight** | .256 | .1094 | .042 | .470 | 1.292 | 1.043 | 1.601 | .019 |
| **BMI: Obese** | .240 | .1056 | .033 | .447 | 1.271 | 1.034 | 1.563 | .023 |
| **BMI: Morbidly Obese** | .517 | .1248 | .273 | .762 | 1.678 | 1.314 | 2.142 | .000 |
| **CCI** | .176 | .0373 | .103 | .249 | 1.193 | 1.109 | 1.283 | .000 |
| **Years since diabetes diagnosis** | .002 | .0047 | -.007 | .011 | 1.002 | .993 | 1.011 | .674 |
| **Foot or leg ulcer** | .054 | .1933 | -.325 | .433 | 1.056 | .723 | 1.542 | .779 |
| **Kidney disease** | .418 | .1992 | .028 | .809 | 1.520 | 1.028 | 2.245 | .036 |
| **Macular edema or diabetic retinopathy** | .110 | .1708 | -.225 | .445 | 1.116 | .799 | 1.560 | .520 |
| **Neuropathic pain** | .427 | .0901 | .250 | .604 | 1.533 | 1.284 | 1.829 | .000 |
| **Diabetes with end organ damage** | -.578 | .4711 | -1.502 | .345 | .561 | .223 | 1.412 | .220 |
| **Experienced Hypoglycemia** | .196 | .0680 | .063 | .329 | 1.217 | 1.065 | 1.390 | .004 |
| **2 noninsulins** | -.312 | .0930 | -.494 | -.130 | .732 | .610 | .878 | .001 |
| **3+ noninsulins** | -.226 | .1271 | -.475 | .023 | .797 | .622 | 1.023 | .075 |
| **Insulin Only** | .135 | .1529 | -.164 | .435 | 1.145 | .848 | 1.545 | .376 |
| **Insulin+ noninsulins** | -.131 | .1037 | -.334 | .073 | .877 | .716 | 1.075 | .208 |
| **Not currently on treatment** | -.046 | .0978 | -.238 | .145 | .955 | .788 | 1.156 | .635 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 4a. Regression estimates for overall work impairment controlling for demographic and health characteristics (reference group is Good well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| ***Very poor (MCS = <40)*** | ***1.301*** | ***.0871*** | ***1.130*** | ***1.472*** | ***3.673*** | ***3.096*** | ***4.357*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***.803*** | ***.0761*** | ***.654*** | ***0.953*** | ***2.233*** | ***1.924*** | ***2.592*** | ***.000*** |
| ***Good (MCS = 50+)*** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | -.012 | .0031 | -.018 | -.006 | .988 | .982 | .994 | .000 |
| **Female** | -.002 | .0695 | -.139 | .134 | 0.998 | .871 | 1.143 | .972 |
| **Black** | -.032 | .0962 | -.221 | .156 | .968 | .802 | 1.169 | .737 |
| **Hispanic** | .038 | .1177 | -.193 | .268 | 1.038 | .824 | 1.308 | .750 |
| **OtherEthnic** | .273 | .1172 | .043 | .503 | 1.314 | 1.044 | 1.653 | .020 |
| **4-year degree or higher** | -.065 | .0672 | -.197 | .066 | .937 | .821 | 1.069 | .331 |
| **$50k or more Annual Income** | -.070 | .0714 | -.210 | .070 | 0.933 | .811 | 1.073 | .329 |
| **Unknown Annual Income** | -.387 | .1590 | -.698 | -.075 | .679 | .497 | 0.928 | .015 |
| **Current Smoker** | .008 | .0855 | -.160 | .175 | 1.008 | .852 | 1.191 | .929 |
| **BMI: Overweight** | .250 | .1080 | .038 | .462 | 1.284 | 1.039 | 1.587 | .021 |
| **BMI: Obese** | .205 | .1038 | .002 | .409 | 1.228 | 1.002 | 1.505 | .048 |
| **BMI: Morbidly Obese** | .487 | .1233 | .245 | .728 | 1.627 | 1.277 | 2.071 | .000 |
| **CCI** | .172 | .0369 | .100 | .245 | 1.188 | 1.105 | 1.277 | .000 |
| **Years since diabetes diagnosis** | .000 | .0046 | -.009 | .009 | 1.000 | .991 | 1.009 | .964 |
| **Foot or leg ulcer** | .387 | .1887 | .017 | .757 | 1.472 | 1.017 | 2.131 | .040 |
| **Kidney disease** | .508 | .1926 | .131 | .886 | 1.662 | 1.139 | 2.424 | .008 |
| **Macular edema or diabetic retinopathy** | .025 | .1659 | -.300 | .350 | 1.025 | .741 | 1.419 | .881 |
| **Neuropathic pain** | .437 | .0878 | .265 | .609 | 1.548 | 1.303 | 1.839 | .000 |
| **Diabetes with end organ damage** | -.740 | .4632 | -1.648 | .167 | .477 | .192 | 1.182 | .110 |
| **Experienced Hypoglycemia** | .202 | .0667 | .072 | .333 | 1.224 | 1.074 | 1.395 | .002 |
| **2 noninsulins** | -.199 | .0911 | -.377 | -.020 | .820 | .686 | .980 | .029 |
| **3+ noninsulins** | -.251 | .1254 | -.497 | -.006 | .778 | .608 | 0.994 | .045 |
| **Insulin Only** | .048 | .1492 | -.244 | .340 | 1.049 | .783 | 1.406 | .747 |
| **Insulin+ noninsulins** | -.161 | .1014 | -.360 | .038 | .851 | .698 | 1.038 | .112 |
| **Not currently on treatment** | .056 | .0957 | -.132 | .244 | 1.058 | .877 | 1.276 | .558 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 4b. Regression estimates for overall work impairment controlling for demographic and health characteristics (reference group is Very poor well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| ***Good (MCS = 50+)*** | ***-1.301*** | ***.0871*** | ***-1.472*** | ***-1.130*** | ***0.272*** | ***0.230*** | ***0.323*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***-.497*** | ***.0948*** | ***-.683*** | ***-0.312*** | ***0.608*** | ***0.505*** | ***0.732*** | ***.000*** |
| ***Very poor (MCS = <40)*** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | -.012 | .0031 | -.018 | -.006 | .988 | .982 | .994 | .000 |
| **Female** | -.002 | .0695 | -.139 | .134 | 0.998 | .871 | 1.143 | .972 |
| **Black** | -.032 | .0962 | -.221 | .156 | .968 | .802 | 1.169 | .737 |
| **Hispanic** | .038 | .1177 | -.193 | .268 | 1.038 | .824 | 1.308 | .750 |
| **OtherEthnic** | .273 | .1172 | .043 | .503 | 1.314 | 1.044 | 1.653 | .020 |
| **4-year degree or higher** | -.065 | .0672 | -.197 | .066 | .937 | .821 | 1.069 | .331 |
| **$50k or more Annual Income** | -.070 | .0714 | -.210 | .070 | 0.933 | .811 | 1.073 | .329 |
| **Unknown Annual Income** | -.387 | .1590 | -.698 | -.075 | .679 | .497 | 0.928 | .015 |
| **Current Smoker** | .008 | .0855 | -.160 | .175 | 1.008 | .852 | 1.191 | .929 |
| **BMI: Overweight** | .250 | .1080 | .038 | .462 | 1.284 | 1.039 | 1.587 | .021 |
| **BMI: Obese** | .205 | .1038 | .002 | .409 | 1.228 | 1.002 | 1.505 | .048 |
| **BMI: Morbidly Obese** | .487 | .1233 | .245 | .728 | 1.627 | 1.277 | 2.071 | .000 |
| **CCI** | .172 | .0369 | .100 | .245 | 1.188 | 1.105 | 1.277 | .000 |
| **Years since diabetes diagnosis** | .000 | .0046 | -.009 | .009 | 1.000 | .991 | 1.009 | .964 |
| **Foot or leg ulcer** | .387 | .1887 | .017 | .757 | 1.472 | 1.017 | 2.131 | .040 |
| **Kidney disease** | .508 | .1926 | .131 | .886 | 1.662 | 1.139 | 2.424 | .008 |
| **Macular edema or diabetic retinopathy** | .025 | .1659 | -.300 | .350 | 1.025 | .741 | 1.419 | .881 |
| **Neuropathic pain** | .437 | .0878 | .265 | .609 | 1.548 | 1.303 | 1.839 | .000 |
| **Diabetes with end organ damage** | -.740 | .4632 | -1.648 | .167 | .477 | .192 | 1.182 | .110 |
| **Experienced Hypoglycemia** | .202 | .0667 | .072 | .333 | 1.224 | 1.074 | 1.395 | .002 |
| **2 noninsulins** | -.199 | .0911 | -.377 | -.020 | .820 | .686 | .980 | .029 |
| **3+ noninsulins** | -.251 | .1254 | -.497 | -.006 | .778 | .608 | 0.994 | .045 |
| **Insulin Only** | .048 | .1492 | -.244 | .340 | 1.049 | .783 | 1.406 | .747 |
| **Insulin+ noninsulins** | -.161 | .1014 | -.360 | .038 | .851 | .698 | 1.038 | .112 |
| **Not currently on treatment** | .056 | .0957 | -.132 | .244 | 1.058 | .877 | 1.276 | .558 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 5a. Regression estimates for activity impairment controlling for demographic and health characteristics (reference group is Good well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| ***Very poor (MCS = <40)*** | ***0.936*** | ***.0312*** | ***0.875*** | ***0.997*** | ***2.550*** | ***2.399*** | ***2.711*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***.557*** | ***.0296*** | ***.499*** | ***0.615*** | ***1.746*** | ***1.647*** | ***1.850*** | ***.000*** |
| **Good (MCS = 50+)** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | .006 | .0011 | .003 | .008 | 1.006 | 1.003 | 1.008 | .000 |
| **Female** | .083 | .0254 | .033 | .133 | 1.087 | 1.034 | 1.142 | .001 |
| **Black** | -.121 | .0377 | -.195 | -.048 | .886 | .823 | 0.954 | .001 |
| **Hispanic** | -.016 | .0500 | -.114 | .082 | 0.984 | .892 | 1.086 | .750 |
| **OtherEthnic** | .072 | .0498 | -.025 | .170 | 1.075 | .975 | 1.185 | .146 |
| **4-year degree or higher** | -.146 | .0263 | -.197 | -.094 | .865 | .821 | 0.910 | .000 |
| **$50k or more Annual Income** | -.157 | .0263 | -.208 | -.105 | 0.855 | .812 | 0.900 | .000 |
| **Unknown Annual Income** | -.113 | .0511 | -.214 | -.013 | .893 | .808 | 0.987 | .027 |
| **Current Smoker** | .088 | .0327 | .024 | .152 | 1.092 | 1.024 | 1.164 | .007 |
| **BMI: Overweight** | -.073 | .0407 | -.153 | .007 | 0.930 | 0.858 | 1.007 | .073 |
| **BMI: Obese** | .085 | .0387 | .009 | .161 | 1.088 | 1.009 | 1.174 | .029 |
| **BMI: Morbidly Obese** | .349 | .0452 | .260 | .437 | 1.417 | 1.297 | 1.549 | .000 |
| **CCI** | .100 | .0104 | .080 | .121 | 1.105 | 1.083 | 1.128 | .000 |
| **Years since diabetes diagnosis** | .002 | .0016 | -.001 | .005 | 1.002 | .999 | 1.005 | .214 |
| **Foot or leg ulcer** | .170 | .0611 | .050 | .290 | 1.186 | 1.052 | 1.336 | .005 |
| **Kidney disease** | .066 | .0595 | -.051 | .183 | 1.068 | 0.950 | 1.200 | .269 |
| **Macular edema or diabetic retinopathy** | -.025 | .0567 | -.136 | .086 | 0.975 | .873 | 1.090 | .659 |
| **Neuropathic pain** | .328 | .0300 | .269 | .386 | 1.388 | 1.308 | 1.472 | .000 |
| **Diabetes with end organ damage** | -.018 | .1183 | -0.250 | .214 | .982 | .779 | 1.238 | .877 |
| **Experienced Hypoglycemia** | .045 | .0249 | -.004 | .094 | 1.046 | 0.996 | 1.099 | .070 |
| **2 noninsulins** | -.050 | .0343 | -.117 | .018 | .952 | .890 | 1.018 | .148 |
| **3+ noninsulins** | -.108 | .0491 | -.204 | -.012 | .898 | .815 | 0.988 | .028 |
| **Insulin Only** | .138 | .0485 | .043 | .233 | 1.148 | 1.044 | 1.263 | .004 |
| **Insulin+ noninsulins** | .067 | .0366 | -.005 | .139 | 1.069 | .995 | 1.149 | .067 |
| **Not currently on treatment** | -.018 | .0364 | -.089 | .054 | .983 | .915 | 1.055 | .630 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 5b. Regression estimates for activity impairment controlling for demographic and health characteristics (reference group is Very poor well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| **Good (MCS = 50+)** | ***-0.936*** | ***.0312*** | ***-0.997*** | ***-0.875*** | ***0.392*** | ***0.369*** | ***0.417*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***-.379*** | ***.0351*** | ***-.448*** | ***-0.310*** | ***0.684*** | ***0.639*** | ***0.733*** | ***.000*** |
| ***Very poor (MCS = <40)*** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | .006 | .0011 | .003 | .008 | 1.006 | 1.003 | 1.008 | .000 |
| **Female** | .083 | .0254 | .033 | .133 | 1.087 | 1.034 | 1.142 | .001 |
| **Black** | -.121 | .0377 | -.195 | -.048 | .886 | .823 | 0.954 | .001 |
| **Hispanic** | -.016 | .0500 | -.114 | .082 | 0.984 | .892 | 1.086 | .750 |
| **OtherEthnic** | .072 | .0498 | -.025 | .170 | 1.075 | .975 | 1.185 | .146 |
| **4-year degree or higher** | -.146 | .0263 | -.197 | -.094 | .865 | .821 | 0.910 | .000 |
| **$50k or more Annual Income** | -.157 | .0263 | -.208 | -.105 | 0.855 | .812 | 0.900 | .000 |
| **Unknown Annual Income** | -.113 | .0511 | -.214 | -.013 | .893 | .808 | 0.987 | .027 |
| **Current Smoker** | .088 | .0327 | .024 | .152 | 1.092 | 1.024 | 1.164 | .007 |
| **BMI: Overweight** | -.073 | .0407 | -.153 | .007 | 0.930 | 0.858 | 1.007 | .073 |
| **BMI: Obese** | .085 | .0387 | .009 | .161 | 1.088 | 1.009 | 1.174 | .029 |
| **BMI: Morbidly Obese** | .349 | .0452 | .260 | .437 | 1.417 | 1.297 | 1.549 | .000 |
| **CCI** | .100 | .0104 | .080 | .121 | 1.105 | 1.083 | 1.128 | .000 |
| **Years since diabetes diagnosis** | .002 | .0016 | -.001 | .005 | 1.002 | .999 | 1.005 | .214 |
| **Foot or leg ulcer** | .170 | .0611 | .050 | .290 | 1.186 | 1.052 | 1.336 | .005 |
| **Kidney disease** | .066 | .0595 | -.051 | .183 | 1.068 | 0.950 | 1.200 | .269 |
| **Macular edema or diabetic retinopathy** | -.025 | .0567 | -.136 | .086 | 0.975 | .873 | 1.090 | .659 |
| **Neuropathic pain** | .328 | .0300 | .269 | .386 | 1.388 | 1.308 | 1.472 | .000 |
| **Diabetes with end organ damage** | -.018 | .1183 | -0.250 | .214 | .982 | .779 | 1.238 | .877 |
| **Experienced Hypoglycemia** | .045 | .0249 | -.004 | .094 | 1.046 | 0.996 | 1.099 | .070 |
| **2 noninsulins** | -.050 | .0343 | -.117 | .018 | .952 | .890 | 1.018 | .148 |
| **3+ noninsulins** | -.108 | .0491 | -.204 | -.012 | .898 | .815 | 0.988 | .028 |
| **Insulin Only** | .138 | .0485 | .043 | .233 | 1.148 | 1.044 | 1.263 | .004 |
| **Insulin+ noninsulins** | .067 | .0366 | -.005 | .139 | 1.069 | .995 | 1.149 | .067 |
| **Not currently on treatment** | -.018 | .0364 | -.089 | .054 | .983 | .915 | 1.055 | .630 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 6a. Regression Estimates for number of traditional healthcare provider visits controlling for demographic and health characteristics (reference group is Good well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| ***Very poor (MCS = <40)*** | ***0.364*** | ***.0326*** | ***0.300*** | ***0.428*** | ***1.440*** | ***1.350*** | ***1.535*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***.133*** | ***.0306*** | ***.073*** | ***0.193*** | ***1.142*** | ***1.075*** | ***1.212*** | ***.000*** |
| **Good (MCS = 50+)** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | .005 | .0011 | .002 | .007 | 1.005 | 1.002 | 1.007 | .000 |
| **Female** | .040 | .0263 | -.012 | .091 | 1.041 | .988 | 1.096 | .131 |
| **Black** | -.106 | .0389 | -.182 | -.029 | .900 | .834 | 0.971 | .007 |
| **Hispanic** | -.130 | .0515 | -.231 | -.029 | 0.878 | .794 | 0.971 | .011 |
| **OtherEthnic** | -.025 | .0507 | -.125 | .074 | 0.975 | .883 | 1.077 | .615 |
| **4-year degree or higher** | .122 | .0265 | .070 | .174 | 1.129 | 1.072 | 1.190 | .000 |
| **$50k or more Annual Income** | .068 | .0269 | .015 | .120 | 1.070 | 1.015 | 1.128 | .012 |
| **Unknown Annual Income** | .107 | .0520 | .005 | .209 | 1.113 | 1.005 | 1.232 | .040 |
| **Current Smoker** | -.014 | .0340 | -.080 | .053 | 0.986 | .923 | 1.054 | .688 |
| **BMI: Overweight** | .021 | .0420 | -.062 | .103 | 1.021 | 0.940 | 1.109 | .621 |
| **BMI: Obese** | .080 | .0397 | .002 | .158 | 1.083 | 1.002 | 1.171 | .044 |
| **BMI: Morbidly Obese** | .170 | .0466 | .079 | .262 | 1.186 | 1.082 | 1.299 | .000 |
| **CCI** | .138 | .0099 | .119 | .158 | 1.148 | 1.126 | 1.171 | .000 |
| **Years since diabetes diagnosis** | -.002 | .0016 | -.005 | .001 | 0.998 | .995 | 1.001 | .285 |
| **Foot or leg ulcer** | .210 | .0603 | .092 | .328 | 1.234 | 1.096 | 1.388 | .001 |
| **Kidney disease** | .177 | .0584 | .063 | .292 | 1.194 | 1.065 | 1.339 | .002 |
| **Macular edema or diabetic retinopathy** | .113 | .0560 | .003 | .222 | 1.119 | 1.003 | 1.249 | .044 |
| **Neuropathic pain** | .174 | .0305 | .115 | .234 | 1.190 | 1.121 | 1.264 | .000 |
| **Diabetes with end organ damage** | -.005 | .1147 | -0.230 | .220 | .995 | .795 | 1.246 | .966 |
| **Experienced Hypoglycemia** | .121 | .0258 | .070 | .171 | 1.128 | 1.073 | 1.187 | .000 |
| **2 noninsulins** | .034 | .0353 | -.036 | .103 | 1.034 | .965 | 1.108 | .341 |
| **3+ noninsulins** | .061 | .0502 | -.037 | .159 | 1.063 | .963 | 1.173 | .223 |
| **Insulin Only** | .186 | .0490 | .090 | .282 | 1.204 | 1.094 | 1.326 | .000 |
| **Insulin+ noninsulins** | .145 | .0377 | .071 | .218 | 1.156 | 1.073 | 1.244 | .000 |
| **Not currently on treatment** | -.051 | .0376 | -.125 | .022 | .950 | .882 | 1.023 | .172 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 6b. Regression Estimates for number of traditional healthcare provider visits controlling for demographic and health characteristics (reference group is Very poor well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| **Good (MCS = 50+)** | ***-0.364*** | ***.0326*** | ***-0.428*** | ***-0.300*** | ***0.695*** | ***0.652*** | ***0.740*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***-.232*** | ***.0357*** | ***-.302*** | ***-0.162*** | ***0.793*** | ***0.740*** | ***0.851*** | ***.000*** |
| ***Very poor (MCS = <40)*** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | .005 | .0011 | .002 | .007 | 1.005 | 1.002 | 1.007 | .000 |
| **Female** | .040 | .0263 | -.012 | .091 | 1.041 | .988 | 1.096 | .131 |
| **Black** | -.106 | .0389 | -.182 | -.029 | .900 | .834 | 0.971 | .007 |
| **Hispanic** | -.130 | .0515 | -.231 | -.029 | 0.878 | .794 | 0.971 | .011 |
| **OtherEthnic** | -.025 | .0507 | -.125 | .074 | 0.975 | .883 | 1.077 | .615 |
| **4-year degree or higher** | .122 | .0265 | .070 | .174 | 1.129 | 1.072 | 1.190 | .000 |
| **$50k or more Annual Income** | .068 | .0269 | .015 | .120 | 1.070 | 1.015 | 1.128 | .012 |
| **Unknown Annual Income** | .107 | .0520 | .005 | .209 | 1.113 | 1.005 | 1.232 | .040 |
| **Current Smoker** | -.014 | .0340 | -.080 | .053 | 0.986 | .923 | 1.054 | .688 |
| **BMI: Overweight** | .021 | .0420 | -.062 | .103 | 1.021 | 0.940 | 1.109 | .621 |
| **BMI: Obese** | .080 | .0397 | .002 | .158 | 1.083 | 1.002 | 1.171 | .044 |
| **BMI: Morbidly Obese** | .170 | .0466 | .079 | .262 | 1.186 | 1.082 | 1.299 | .000 |
| **CCI** | .138 | .0099 | .119 | .158 | 1.148 | 1.126 | 1.171 | .000 |
| **Years since diabetes diagnosis** | -.002 | .0016 | -.005 | .001 | 0.998 | .995 | 1.001 | .285 |
| **Foot or leg ulcer** | .210 | .0603 | .092 | .328 | 1.234 | 1.096 | 1.388 | .001 |
| **Kidney disease** | .177 | .0584 | .063 | .292 | 1.194 | 1.065 | 1.339 | .002 |
| **Macular edema or diabetic retinopathy** | .113 | .0560 | .003 | .222 | 1.119 | 1.003 | 1.249 | .044 |
| **Neuropathic pain** | .174 | .0305 | .115 | .234 | 1.190 | 1.121 | 1.264 | .000 |
| **Diabetes with end organ damage** | -.005 | .1147 | -0.230 | .220 | .995 | .795 | 1.246 | .966 |
| **Experienced Hypoglycemia** | .121 | .0258 | .070 | .171 | 1.128 | 1.073 | 1.187 | .000 |
| **2 noninsulins** | .034 | .0353 | -.036 | .103 | 1.034 | .965 | 1.108 | .341 |
| **3+ noninsulins** | .061 | .0502 | -.037 | .159 | 1.063 | .963 | 1.173 | .223 |
| **Insulin Only** | .186 | .0490 | .090 | .282 | 1.204 | 1.094 | 1.326 | .000 |
| **Insulin+ noninsulins** | .145 | .0377 | .071 | .218 | 1.156 | 1.073 | 1.244 | .000 |
| **Not currently on treatment** | -.051 | .0376 | -.125 | .022 | .950 | .882 | 1.023 | .172 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 7a. Regression Estimates for number of ER visits controlling for demographic and health characteristics (reference group is Good well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| ***Very poor (MCS = <40)*** | ***0.773*** | ***.0919*** | ***0.593*** | ***0.953*** | ***2.167*** | ***1.810*** | ***2.595*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***.439*** | ***.0925*** | ***.258*** | ***0.621*** | ***1.552*** | ***1.294*** | ***1.860*** | ***.000*** |
| **Good (MCS = 50+)** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | -.013 | .0032 | -.020 | -.007 | .987 | .981 | .993 | .000 |
| **Female** | .060 | .0792 | -.095 | .215 | 1.062 | .909 | 1.240 | .448 |
| **Black** | .213 | .1114 | -.005 | .432 | 1.238 | .995 | 1.540 | .056 |
| **Hispanic** | .361 | .1383 | .090 | .632 | 1.435 | 1.094 | 1.882 | .009 |
| **OtherEthnic** | -.052 | .1512 | -.349 | .244 | 0.949 | .706 | 1.276 | .730 |
| **4-year degree or higher** | .058 | .0829 | -.104 | .220 | 1.060 | .901 | 1.247 | .484 |
| **$50k or more Annual Income** | -.172 | .0828 | -.334 | -.009 | 0.842 | .716 | 0.991 | .038 |
| **Unknown Annual Income** | -.308 | .1734 | -.648 | .032 | .735 | .523 | 1.033 | .076 |
| **Current Smoker** | .105 | .0965 | -.084 | .294 | 1.111 | .919 | 1.342 | .277 |
| **BMI: Overweight** | -.242 | .1274 | -.492 | .008 | 0.785 | 0.611 | 1.008 | .057 |
| **BMI: Obese** | -.189 | .1181 | -.421 | .042 | 0.828 | 0.657 | 1.043 | .109 |
| **BMI: Morbidly Obese** | .041 | .1352 | -.225 | .306 | 1.041 | 0.799 | 1.357 | .764 |
| **CCI** | .197 | .0277 | .143 | .252 | 1.218 | 1.154 | 1.286 | .000 |
| **Years since diabetes diagnosis** | -.002 | .0048 | -.011 | .008 | 0.998 | .989 | 1.008 | .700 |
| **Foot or leg ulcer** | .223 | .1619 | -.094 | .540 | 1.250 | .910 | 1.716 | .169 |
| **Kidney disease** | .096 | .1663 | -.230 | .422 | 1.101 | 0.795 | 1.525 | .564 |
| **Macular edema or diabetic retinopathy** | .225 | .1538 | -.076 | .527 | 1.253 | .927 | 1.693 | .143 |
| **Neuropathic pain** | .202 | .0888 | .028 | .376 | 1.224 | 1.028 | 1.456 | .023 |
| **Diabetes with end organ damage** | .079 | .2911 | -0.492 | .649 | 1.082 | .612 | 1.914 | .787 |
| **Experienced Hypoglycemia** | .203 | .0779 | .050 | .355 | 1.224 | 1.051 | 1.427 | .009 |
| **2 noninsulins** | .009 | .1150 | -.217 | .234 | 1.009 | .805 | 1.264 | .940 |
| **3+ noninsulins** | -.138 | .1678 | -.467 | .191 | .871 | .627 | 1.211 | .412 |
| **Insulin Only** | .500 | .1382 | .229 | .771 | 1.649 | 1.258 | 2.162 | .000 |
| **Insulin+ noninsulins** | .324 | .1096 | .109 | .539 | 1.382 | 1.115 | 1.714 | .003 |
| **Not currently on treatment** | .224 | .1124 | .003 | .444 | 1.251 | 1.003 | 1.559 | .046 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 7b. Regression Estimates for number of ER visits controlling for demographic and health characteristics (reference group is Very poor well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| **Good (MCS = 50+)** | ***-0.773*** | ***.0919*** | ***-0.953*** | ***-0.593*** | ***0.461*** | ***0.385*** | ***0.553*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***-.334*** | ***.0972*** | ***-.524*** | ***-0.143*** | ***0.716*** | ***0.592*** | ***0.866*** | ***.001*** |
| ***Very poor (MCS = <40)*** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | -.013 | .0032 | -.020 | -.007 | .987 | .981 | .993 | .000 |
| **Female** | .060 | .0792 | -.095 | .215 | 1.062 | .909 | 1.240 | .448 |
| **Black** | .213 | .1114 | -.005 | .432 | 1.238 | .995 | 1.540 | .056 |
| **Hispanic** | .361 | .1383 | .090 | .632 | 1.435 | 1.094 | 1.882 | .009 |
| **OtherEthnic** | -.052 | .1512 | -.349 | .244 | 0.949 | .706 | 1.276 | .730 |
| **4-year degree or higher** | .058 | .0829 | -.104 | .220 | 1.060 | .901 | 1.247 | .484 |
| **$50k or more Annual Income** | -.172 | .0828 | -.334 | -.009 | 0.842 | .716 | 0.991 | .038 |
| **Unknown Annual Income** | -.308 | .1734 | -.648 | .032 | .735 | .523 | 1.033 | .076 |
| **Current Smoker** | .105 | .0965 | -.084 | .294 | 1.111 | .919 | 1.342 | .277 |
| **BMI: Overweight** | -.242 | .1274 | -.492 | .008 | 0.785 | 0.611 | 1.008 | .057 |
| **BMI: Obese** | -.189 | .1181 | -.421 | .042 | 0.828 | 0.657 | 1.043 | .109 |
| **BMI: Morbidly Obese** | .041 | .1352 | -.225 | .306 | 1.041 | 0.799 | 1.357 | .764 |
| **CCI** | .197 | .0277 | .143 | .252 | 1.218 | 1.154 | 1.286 | .000 |
| **Years since diabetes diagnosis** | -.002 | .0048 | -.011 | .008 | 0.998 | .989 | 1.008 | .700 |
| **Foot or leg ulcer** | .223 | .1619 | -.094 | .540 | 1.250 | .910 | 1.716 | .169 |
| **Kidney disease** | .096 | .1663 | -.230 | .422 | 1.101 | 0.795 | 1.525 | .564 |
| **Macular edema or diabetic retinopathy** | .225 | .1538 | -.076 | .527 | 1.253 | .927 | 1.693 | .143 |
| **Neuropathic pain** | .202 | .0888 | .028 | .376 | 1.224 | 1.028 | 1.456 | .023 |
| **Diabetes with end organ damage** | .079 | .2911 | -0.492 | .649 | 1.082 | .612 | 1.914 | .787 |
| **Experienced Hypoglycemia** | .203 | .0779 | .050 | .355 | 1.224 | 1.051 | 1.427 | .009 |
| **2 noninsulins** | .009 | .1150 | -.217 | .234 | 1.009 | .805 | 1.264 | .940 |
| **3+ noninsulins** | -.138 | .1678 | -.467 | .191 | .871 | .627 | 1.211 | .412 |
| **Insulin Only** | .500 | .1382 | .229 | .771 | 1.649 | 1.258 | 2.162 | .000 |
| **Insulin+ noninsulins** | .324 | .1096 | .109 | .539 | 1.382 | 1.115 | 1.714 | .003 |
| **Not currently on treatment** | .224 | .1124 | .003 | .444 | 1.251 | 1.003 | 1.559 | .046 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 8a. Regression Estimates for number of hospitalizations controlling for demographic and health characteristics (reference group is Good well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| ***Very poor (MCS = <40)*** | ***0.750*** | ***.1263*** | ***0.502*** | ***0.997*** | ***2.116*** | ***1.652*** | ***2.711*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***.526*** | ***.1233*** | ***.284*** | ***0.767*** | ***1.691*** | ***1.328*** | ***2.154*** | ***.000*** |
| **Good (MCS = 50+)** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | -.010 | .0045 | -.019 | -.002 | .990 | .981 | .998 | .019 |
| **Female** | -.196 | .1090 | -.410 | .018 | 0.822 | .664 | 1.018 | .072 |
| **Black** | -.045 | .1608 | -.360 | .270 | .956 | .698 | 1.310 | .780 |
| **Hispanic** | -.162 | .2086 | -.571 | .247 | 0.850 | .565 | 1.280 | .436 |
| **OtherEthnic** | .036 | .1994 | -.355 | .426 | 1.036 | .701 | 1.532 | .858 |
| **4-year degree or higher** | .040 | .1111 | -.178 | .258 | 1.041 | .837 | 1.294 | .718 |
| **$50k or more Annual Income** | -.150 | .1110 | -.368 | .068 | 0.861 | .692 | 1.070 | .177 |
| **Unknown Annual Income** | -.068 | .2191 | -.497 | .362 | .935 | .608 | 1.436 | .757 |
| **Current Smoker** | -.110 | .1354 | -.375 | .155 | 0.896 | .687 | 1.168 | .417 |
| **BMI: Overweight** | -.250 | .1630 | -.570 | .069 | 0.779 | 0.566 | 1.072 | .125 |
| **BMI: Obese** | -.498 | .1556 | -.803 | -.194 | 0.607 | 0.448 | 0.824 | .001 |
| **BMI: Morbidly Obese** | -.294 | .1821 | -.651 | .063 | 0.745 | 0.521 | 1.065 | .106 |
| **CCI** | .223 | .0380 | .148 | .298 | 1.250 | 1.160 | 1.347 | .000 |
| **Years since diabetes diagnosis** | -.001 | .0064 | -.013 | .012 | 0.999 | .987 | 1.012 | .886 |
| **Foot or leg ulcer** | .387 | .2117 | -.028 | .802 | 1.472 | .972 | 2.230 | .068 |
| **Kidney disease** | .282 | .2101 | -.130 | .694 | 1.326 | 0.879 | 2.002 | .179 |
| **Macular edema or diabetic retinopathy** | .199 | .2065 | -.206 | .604 | 1.220 | .814 | 1.829 | .335 |
| **Neuropathic pain** | .031 | .1232 | -.210 | .273 | 1.032 | 0.810 | 1.313 | .801 |
| **Diabetes with end organ damage** | .144 | .3730 | -0.587 | .875 | 1.154 | .556 | 2.398 | .700 |
| **Experienced Hypoglycemia** | -.088 | .1055 | -.295 | .118 | 0.915 | 0.744 | 1.126 | .403 |
| **2 noninsulins** | .070 | .1532 | -.230 | .371 | 1.073 | .795 | 1.448 | .646 |
| **3+ noninsulins** | -.219 | .2323 | -.674 | .237 | .804 | .510 | 1.267 | .347 |
| **Insulin Only** | .742 | .1779 | .393 | 1.091 | 2.100 | 1.482 | 2.977 | .000 |
| **Insulin+ noninsulins** | .370 | .1500 | .076 | .664 | 1.447 | 1.079 | 1.942 | .014 |
| **Not currently on treatment** | .158 | .1532 | -.142 | .458 | 1.171 | .867 | 1.581 | .303 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Table 8b. Regression Estimates for number of hospitalizations controlling for demographic and health characteristics (reference group is Very poor well-being)** | | | | | | | | |
|  |  |  |  |  |  |  |  |  |
|  | **B** | **Std. Error** | **95% LCL** | **95% UCL** | **Exp(B)** | **95% LCL for Exp(B)** | **95% UCL for Exp(B)** | **Sig.** |
| **Good (MCS = 50+)** | ***-0.750*** | ***.1263*** | ***-0.997*** | ***-0.502*** | ***0.473*** | ***0.369*** | ***0.605*** | ***.000*** |
| ***Poor (MCS = 40-50)*** | ***-.224*** | ***.1329*** | ***-.485*** | ***0.036*** | ***0.799*** | ***0.616*** | ***1.037*** | ***.092*** |
| ***Very poor (MCS = <40)*** | ***0a*** |  |  |  | ***1*** |  |  |  |
| **Age of the Respondent** | -.010 | .0045 | -.019 | -.002 | .990 | .981 | .998 | .019 |
| **Female** | -.196 | .1090 | -.410 | .018 | 0.822 | .664 | 1.018 | .072 |
| **Black** | -.045 | .1608 | -.360 | .270 | .956 | .698 | 1.310 | .780 |
| **Hispanic** | -.162 | .2086 | -.571 | .247 | 0.850 | .565 | 1.280 | .436 |
| **OtherEthnic** | .036 | .1994 | -.355 | .426 | 1.036 | .701 | 1.532 | .858 |
| **4-year degree or higher** | .040 | .1111 | -.178 | .258 | 1.041 | .837 | 1.294 | .718 |
| **$50k or more Annual Income** | -.150 | .1110 | -.368 | .068 | 0.861 | .692 | 1.070 | .177 |
| **Unknown Annual Income** | -.068 | .2191 | -.497 | .362 | .935 | .608 | 1.436 | .757 |
| **Current Smoker** | -.110 | .1354 | -.375 | .155 | 0.896 | .687 | 1.168 | .417 |
| **BMI: Overweight** | -.250 | .1630 | -.570 | .069 | 0.779 | 0.566 | 1.072 | .125 |
| **BMI: Obese** | -.498 | .1556 | -.803 | -.194 | 0.607 | 0.448 | 0.824 | .001 |
| **BMI: Morbidly Obese** | -.294 | .1821 | -.651 | .063 | 0.745 | 0.521 | 1.065 | .106 |
| **CCI** | .223 | .0380 | .148 | .298 | 1.250 | 1.160 | 1.347 | .000 |
| **Years since diabetes diagnosis** | -.001 | .0064 | -.013 | .012 | 0.999 | .987 | 1.012 | .886 |
| **Foot or leg ulcer** | .387 | .2117 | -.028 | .802 | 1.472 | .972 | 2.230 | .068 |
| **Kidney disease** | .282 | .2101 | -.130 | .694 | 1.326 | 0.879 | 2.002 | .179 |
| **Macular edema or diabetic retinopathy** | .199 | .2065 | -.206 | .604 | 1.220 | .814 | 1.829 | .335 |
| **Neuropathic pain** | .031 | .1232 | -.210 | .273 | 1.032 | 0.810 | 1.313 | .801 |
| **Diabetes with end organ damage** | .144 | .3730 | -0.587 | .875 | 1.154 | .556 | 2.398 | .700 |
| **Experienced Hypoglycemia** | -.088 | .1055 | -.295 | .118 | 0.915 | 0.744 | 1.126 | .403 |
| **2 noninsulins** | .070 | .1532 | -.230 | .371 | 1.073 | .795 | 1.448 | .646 |
| **3+ noninsulins** | -.219 | .2323 | -.674 | .237 | .804 | .510 | 1.267 | .347 |
| **Insulin Only** | .742 | .1779 | .393 | 1.091 | 2.100 | 1.482 | 2.977 | .000 |
| **Insulin+ noninsulins** | .370 | .1500 | .076 | .664 | 1.447 | 1.079 | 1.942 | .014 |
| **Not currently on treatment** | .158 | .1532 | -.142 | .458 | 1.171 | .867 | 1.581 | .303 |